

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1376

DATE: JANUARY 1, 2023

PROJECT RP11901

The following classification changes will be effected by this Notice of Changes:

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
SCHEME:		
Symbols Deleted:	B05B	11/00412, 11/00414, 11/00416, 11/00418, 11/30, 11/3001, 11/3002, 11/3004, 11/3005, 11/3007, 11/3008, 11/3009, 11/3011, 11/3012, 11/3014, 11/3015, 11/3016, 11/3018, 11/3019, 11/3021, 11/3022, 11/3023, 11/3025, 11/3026, 11/3028, 11/3029, 11/303, 11/3032, 11/3033, 11/3035, 11/3036, 11/3038, 11/3039, 11/304, 11/3042, 11/3043, 11/3045, 11/3046, 11/3047, 11/3049, 11/305, 11/3052, 11/3053, 11/3054, 11/3056, 11/3057, 11/3059, 11/306, 11/3061, 11/3063, 11/3064, 11/3066, 11/3067, 11/3069, 11/307, 11/3071, 11/3073, 11/3074, 11/3076, 11/3077, 11/3078, 11/308, 11/3081, 11/3083, 11/3084, 11/3085, 11/3087, 11/3088, 11/309, 11/3091, 11/3092, 11/3094, 11/3095, 11/3097, 11/3098
Symbols New:	B05B	11/01, 11/026, 11/027, 11/028, 11/029, 11/10, 11/1001, 11/1002, 11/1004, 11/1005, 11/1007, 11/1008, 11/1009, 11/1011, 11/1012, 11/1014, 11/1015, 11/1016, 11/1018, 11/1019, 11/1021, 11/1022, 11/1023, 11/1025, 11/1026, 11/1028, 11/1029, 11/103, 11/1032, 11/1033, 11/1035, 11/1036, 11/1038, 11/1039, 11/104, 11/1042, 11/1043, 11/1045, 11/1046, 11/1047, 11/1049, 11/105, 11/1052, 11/1053, 11/1054, 11/1056, 11/1057, 11/1059, 11/106, 11/1061, 11/1063, 11/1064, 11/1066, 11/1067, 11/1069, 11/107, 11/1071, 11/1073, 11/1074, 11/1076, 11/1077, 11/1078, 11/108, 11/1081, 11/1083, 11/1084, 11/1085, 11/1087, 11/1088, 11/109, 11/1091, 11/1092, 11/1094, 11/1095, 11/1097, 11/1098
Titles Changed:	B05B	SUBCLASS
	B05B	3/00, 3/02
	B05B	11/00, 11/0041, 11/02, 11/025, 11/04, 11/06

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Action	Subclass	Group(s)
Indents Changed:	B05B	11/02, 11/025, 11/04, 11/041, 11/042, 11/043, 11/045, 11/046, 11/047, 11/048, 11/06, 11/061, 11/062, 11/064, 11/065, 11/067, 11/068
Warnings New:	B05B	11/00, 11/01
DEFINITIONS:		
Definitions Deleted: (no frozen (F) symbol definitions should be deleted)	B05B	11/30
Definitions Modified:	B05B	SUBCLASS
	B05B	11/00

The following subclasses/groups are also impacted by this Notice of Changes (indicate subclasses/groups outside of the project scope, such as those listed in the CRL): A01M7/0003, A01M9/0007, B05B9/0426, B05B11/0005, B05B11/0008, B05B11/0027, B05B11/0029, B05B11/0054, B05B11/0062, B05B11/0067, B05B11/0078, B65D83/646, B65D83/22, B67D7/0211, G01F11/00

This Notice of Changes includes the following [Check the ones included]:

1. CLASSIFICATION SCHEME CHANGES
 - A. New, Modified or Deleted Group(s)
 - B. New, Modified or Deleted Warning(s)
 - C. New, Modified or Deleted Note(s)
 - D. New, Modified or Deleted Guidance Heading(s)
2. DEFINITIONS
 - A. New or Modified Definitions (Full definition template)
 - B. Modified or Deleted Definitions (Definitions Quick Fix)
3. REVISION CONCORDANCE LIST (RCL)
4. CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)
5. CHANGES TO THE CROSS-REFERENCE LIST (CRL)

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1. CLASSIFICATION SCHEME CHANGES

A. New, Modified or Deleted Group(s)

SUBCLASS B05B - SPRAYING APPARATUS; ATOMISING APPARATUS; NOZZLES

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level</u> <u>Number of</u> <u>dots (e.g. 0, 1,</u> <u>2)</u>	<u>Title</u> <u>“CPC only” text should normally be</u> <u>enclosed in { curly brackets }**</u>	<u>Transferred to</u> <u>Comments</u>
M	B05B	Subclass	SPRAYING APPARATUS; ATOMISING APPARATUS; NOZZLES (spray-mixers with nozzles B01F25/72; processes for applying liquids or other fluent materials to surfaces by spraying B05D)	
M	B05B3/00	0	Spraying or sprinkling apparatus with moving outlet elements or moving deflecting elements	
M	B05B3/02	1	with rotating elements (electric spraying discharge apparatus characterised by having rotary outlet or deflecting elements B05B 5/04)	
C	B05B11/00	0	Single-unit hand-held apparatus in which flow of contents is produced by the muscular force of the operator at the moment of use	B05B 11/00, B05B 11/01
M	B05B11/0041	4	{compensating underpressure without contact of the fluid remaining in the container with the atmospheric air (B05B 11/026 and B05B 11/028 take precedence)}	
U	B05B11/00411	5	{the means being an inert gas}	
D	B05B11/00412	5	{the means being a collapsible or foldable bag or membrane}	<administrative transfer to B05B11/026>
D	B05B11/00414	6	{the bag or membrane being inverted during the outflow of the liquid or other fluent material}	<administrative transfer to B05B11/027>
D	B05B11/00416	5	{the means being a following piston}	<administrative transfer to B05B11/028>
D	B05B11/00418	6	{located on top of the remaining liquid or other fluent material}	<administrative transfer to B05B11/029>
U	B05B 11/0097	2	{Means for filling or refilling the sprayer (through additional openings in the container B05B 11/0056)}	
N	B05B11/01	1	characterised by the means producing the flow	

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M	B05B11/02	2	Membranes or pistons acting on the contents inside the container, e.g. follower pistons	
M	B05B11/025	3	{ with stepwise advancement of the piston, e.g. for spraying a predetermined quantity of content }	
N	B05B11/026	3	{ Membranes separating the content remaining in the container from the atmospheric air to compensate underpressure inside the container }	
N	B05B11/027	4	{ inverted during outflow of content }	
N	B05B11/028	3	{ Pistons separating the content remaining in the container from the atmospheric air to compensate underpressure inside the container }	
N	B05B11/029	4	{ located on top of the remaining content }	
M	B05B11/04	2	Deformable containers producing the flow, e.g. squeeze bottles	
M	B05B11/041	3	{ designed for spraying particulate material (B05B11/045 takes precedence) }	
M	B05B11/042	3	{ the spray being effected by a gas or vapour flow in the nozzle, spray head, outlet or dip tube }	
M	B05B11/043	4	{ designed for spraying a liquid (B05B11/046 takes precedence) }	
M	B05B11/045	4	{ designed for spraying particulate material (B05B11/046 takes precedence) }	
M	B05B11/046	4	{ the gas or vapour flow coming from a source where the gas or vapour is not in contact with the liquid or other fluent material to be sprayed, e.g. from a compressive bulb, an air pump or an enclosure surrounding the container }	
M	B05B11/047	3	{ characterised by the outlet or venting means (B05B11/041 and B05B11/042 take precedence) }	
M	B05B11/048	3	{ characterised by the container, e.g. this latter being surrounded by an enclosure, or the means for deforming it (B05B11/041, B05B11/046 take precedence) }	
M	B05B11/06	2	Gas or vapour producing the flow, e.g. from a compressible bulb or air pump	
M	B05B11/061	3	{ characterised by the means producing the gas or vapour pressure }	

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M	B05B11/062	3	{designed for spraying particulate material}	
M	B05B11/064	4	{the particulate material being stored in several discrete quantities delivered one at a time}	
M	B05B11/065	4	{the particulate material being separated from a main storage in discrete quantities delivered one at a time}	
M	B05B11/067	5	{the particulate material being separated from the main storage by a dosing device}	
M	B05B11/068	3	{comprising a liquid-absorbent material}	
N	B05B11/10	2	Pump arrangements for transferring the contents from the container to a pump chamber by a sucking effect and forcing the contents out through the dispensing nozzle	
N	B05B11/1001	3	{Piston pumps (B05B11/1087, B05B11/1088, B05B11/109 take precedence)}	
N	B05B11/1002	4	{the direction of the pressure stroke being substantially perpendicular to the major axis of the container (B05B11/1009, B05B11/1015 take precedence)}	
N	B05B11/1004	4	{comprising a movable cylinder and a stationary piston}	
N	B05B11/1005	4	{with means for adjusting or modifying pump stroke}	
N	B05B11/1007	5	{by adjusting or modifying the pump end-of-sucking-stroke position}	
N	B05B11/1008	5	{by adjusting or modifying the pump end-of-dispensing-stroke position}	
N	B05B11/1009	4	{actuated by a lever}	
N	B05B11/1011	5	{without substantial movement of the nozzle in the direction of the pressure stroke}	
N	B05B11/1012	5	{the pump chamber being arranged substantially coaxially to the neck of the container (B05B11/1011 takes precedence)}	
N	B05B11/1014	6	{the pump chamber being arranged substantially coaxially to the container}	
N	B05B11/1015	4	{actuated without substantial movement of the nozzle in the	

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			direction of the pressure stroke (B05B11/1011 takes precedence)}	
N	B05B11/1016	4	{the outlet valve having a valve seat located downstream a movable valve element controlled by a pressure actuated controlling element (B05B11/1022, B05B11/1023 take precedence)}	
N	B05B11/1018	5	{and the controlling element cooperating with means for opening or closing the inlet valve (B05B11/1019 takes precedence)}	
N	B05B11/1019	5	{the inlet valve moving concurrently with the controlling element during whole pressure and aspiration strokes, e.g. a cage for an inlet valve ball being part of the controlling element }	
N	B05B11/1021	4	{having an outlet valve which is a gate valve (B05B11/1023, B05B11/1038 take precedence)}	
N	B05B11/1022	5	{actuated by pressure }	
N	B05B11/1023	4	{having an outlet valve opened by deformation or displacement of the piston relative to its actuating stem}	
N	B05B11/1025	5	{a spring urging the outlet valve in its closed position (B05B11/1026 takes precedence)}	
N	B05B11/1026	5	{the piston being deformable and its deformation allowing opening of the outlet }	
N	B05B11/1028	3	{Pumps having a pumping chamber with a deformable wall (B05B11/1087 take precedence)}	
N	B05B11/1029	4	{actuated by a lever}	
N	B05B11/103	5	{without substantial movement of the nozzle in the direction of the pressure stroke }	
N	B05B11/1032	4	{actuated without substantial movement of the nozzle in the direction of the pressure stroke (B05B11/103 takes precedence)}	
N	B05B11/1033	4	{the deformable wall, the inlet and outlet valve elements being integrally formed, e.g. moulded }	
N	B05B11/1035	4	{the pumping chamber being a bellow }	
N	B05B11/1036	4	{the outlet valve being opened in the direction opposite to the fluid flow downstream the outlet valve by the	

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			pressure acting on a valve controlling element }	
N	B05B11/1038	3	{ Pressure accumulation pumps, i.e. pumps comprising a pressure accumulation chamber }	
N	B05B11/1039	4	{ the outlet valve being mechanically opened after a defined accumulation stroke }	
N	B05B11/104	4	{ the outlet valve being opened by pressure after a defined accumulation stroke }	
N	B05B11/1042	3	{ Components or details }	
N	B05B11/1043	4	{ Sealing or attachment arrangements between pump and container (sealing arrangements around pump actuating stem B05B11/105) }	
N	B05B11/1045	5	{ the pump being preassembled as an independent unit before being mounted on the container (B05B11/1047, B05B11/1049 take precedence) }	
N	B05B11/1046	5	{ the pump chamber being arranged substantially coaxially to the neck of the container (B05B11/1049 takes precedence) }	
N	B05B11/1047	6	{ the pump being preassembled as an independent unit before being mounted on the container }	
N	B05B11/1049	5	{ Attachment arrangements comprising a deformable or resilient ferrule clamped or locked onto the neck of the container by displacing, e.g. sliding, a sleeve surrounding the ferrule }	
N	B05B11/105	4	{ Sealing arrangements around pump actuating stem }	
N	B05B11/1052	4	{ Actuation means (locking means therefor B05B11/1059; the dispensing stroke being affected by the stored energy of a spring B05B 11/109) }	
N	B05B11/1053	5	{ combined with means, other than pressure, for automatically opening a valve during actuation; combined with means for automatically removing closures or covers from the discharge nozzle during actuation }	
N	B05B11/1054	6	{ the valve being located upstream of an outlet valve }	
N	B05B11/1056	5	{ comprising rotatable or articulated levers (B05B11/1053 takes precedence; lever actuated piston pumps B05B11/1009; lever actuated	

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			pumps with deformable chamber (B05B11/1029)}	
N	B05B11/1057	6	{Triggers, i.e. actuation means consisting of a single lever having one end rotating or pivoting around an axis or a hinge fixedly attached to the container, and another end directly actuated by the user}	
N	B05B11/1059	4	{Means for locking a pump or its actuation means in a fixed position (B05B11/1091 takes precedence)}	
N	B05B11/106	5	{in a retracted position, e.g. in an end-of-dispensing-stroke position}	
N	B05B11/1061	4	{Pump priming means}	
N	B05B11/1063	5	{Air exhausted from the pump chamber being discharged into the container during priming}	
N	B05B11/1064	4	{Pump inlet and outlet valve elements integrally formed of a deformable material (pump chambers having a deformable wall integrally formed with inlet and outlet valve elements B05B11/1033)}	
N	B05B11/1066	4	{Pump inlet valves (B05B11/1018, B05B11/1019, B05B11/1064 take precedence)}	
N	B05B11/1067	5	{actuated by pressure}	
N	B05B11/1069	6	{the valve being made of a resiliently deformable material or being urged in a closed position by a spring}	
N	B05B11/107	5	{Gate valves; Sliding valves}	
N	B05B11/1071	5	{Two inlet valves being placed in a supply conduit one upstream of the other}	
N	B05B11/1073	4	{Springs}	
N	B05B11/1074	5	{located outside pump chambers}	
N	B05B11/1076	5	{Traction springs, e.g. stretchable sleeve}	
N	B05B11/1077	5	{characterised by a particular shape or material (B05B11/1076 takes precedence)}	
N	B05B11/1078	5	{Vacuum chambers acting like springs}	
N	B05B11/108	4	{Means for counting the number of dispensing strokes}	
N	B05B11/1081	3	{Arrangements for pumping several liquids or other fluent materials from	

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			several containers, e.g. for mixing them at the moment of pumping }	
N	B05B11/1083	4	{ in adjustable proportion }	
N	B05B11/1084	4	{ each liquid or other fluent material being pumped by a separate pump }	
N	B05B11/1085	5	{ the pumps being coaxial }	
N	B05B11/1087	3	{ Combination of liquid and air pumps }	
N	B05B11/1088	3	{ the pump being a double-acting pump }	
N	B05B11/109	3	{ the dispensing stroke being affected by the stored energy of a spring (B05B11/1088 takes precedence) }	
N	B05B11/1091	4	{ being first hold in a loaded state by locking means or the like, then released (B05B11/1092 takes precedence) }	
N	B05B11/1092	4	{ automatically released from a loaded state at the end of the loading stroke }	
N	B05B11/1094	3	{ having inlet or outlet valves not being actuated by pressure or having no inlet or outlet valve }	
N	B05B11/1095	3	{ with movable suction side }	
N	B05B11/1097	3	{ with means for sucking back the liquid or other fluent material in the nozzle after a dispensing stroke }	
N	B05B11/1098	3	{ Air being permanently entrapped or sucked into the liquid pump chamber }	
D	B05B11/30	1	{ the flow being effected by a pump }	<administrative transfer to B05B11/10>
D	B05B11/3001	2	{ Piston pumps (B05B11/3087, B05B11/3088, B05B11/309 take precedence) }	<administrative transfer to B05B11/1001>
D	B05B11/3002	3	{ the direction of the pressure stroke being substantially perpendicular to the major axis of the container (B05B11/3009, B05B11/3015 take precedence) }	<administrative transfer to B05B11/1002>
D	B05B11/3004	3	{ comprising a movable cylinder and a stationary piston }	<administrative transfer to B05B11/1004>
D	B05B11/3005	3	{ with means for adjusting or modifying pump stroke }	<administrative transfer to B05B11/1005>
D	B05B11/3007	4	{ by adjusting or modifying the pump end-of-sucking-stroke position }	<administrative transfer to B05B11/1007>
D	B05B11/3008	4	{ by adjusting or modifying the pump end-of-dispensing-stroke position }	<administrative transfer to B05B11/1008>
D	B05B11/3009	3	{ actuated by a lever }	<administrative transfer to B05B11/1009>

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D	B05B11/3011	4	{ without substantial movement of the nozzle in the direction of the pressure stroke }	<administrative transfer to B05B11/1011>
D	B05B11/3012	4	{ the pump chamber being arranged substantially coaxially to the neck of the container (B05B11/3011 takes precedence) }	<administrative transfer to B05B11/1012>
D	B05B11/3014	5	{ the pump chamber being arranged substantially coaxially to the container }	<administrative transfer to B05B11/1014>
D	B05B11/3015	3	{ actuated without substantial movement of the nozzle in the direction of the pressure stroke (B05B11/3011 takes precedence) }	<administrative transfer to B05B11/1015>
D	B05B11/3016	3	{ the outlet valve having a valve seat located downstream a movable valve element controlled by a pressure actuated controlling element (B05B11/3022, B05B11/3023 take precedence) }	<administrative transfer to B05B11/1016>
D	B05B11/3018	4	{ and the controlling element cooperating with means for opening or closing the inlet valve (B05B11/3019 takes precedence) }	<administrative transfer to B05B11/1018>
D	B05B11/3019	4	{ the inlet valve moving concurrently with the controlling element during whole pressure and aspiration strokes, e.g. a cage for an inlet valve ball being part of the controlling element }	<administrative transfer to B05B11/1019>
D	B05B11/3021	3	{ having an outlet valve which is a gate valve (B05B11/3023, B05B11/3038 take precedence) }	<administrative transfer to B05B11/1021>
D	B05B11/3022	4	{ actuated by pressure }	<administrative transfer to B05B11/1022>
D	B05B11/3023	3	{ having an outlet valve opened by deformation or displacement of the piston relative to its actuating stem }	<administrative transfer to B05B11/1023>
D	B05B11/3025	4	{ a spring urging the outlet valve in its closed position (B05B11/3026 takes precedence) }	<administrative transfer to B05B11/1025>
D	B05B11/3026	4	{ the piston being deformable and its deformation allowing opening of the outlet }	<administrative transfer to B05B11/1026>
D	B05B11/3028	2	{ Pumps having a pumping chamber with a deformable wall (B05B11/3087 take precedence) }	<administrative transfer to B05B11/1028>
D	B05B11/3029	3	{ actuated by a lever }	<administrative transfer to B05B11/1029>

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D	B05B11/303	4	{ without substantial movement of the nozzle in the direction of the pressure stroke }	<administrative transfer to B05B11/103>
D	B05B11/3032	3	{ actuated without substantial movement of the nozzle in the direction of the pressure stroke (B05B11/303 takes precedence) }	<administrative transfer to B05B11/1032>
D	B05B11/3033	3	{ the deformable wall, the inlet and outlet valve elements being integrally formed, e.g. moulded }	<administrative transfer to B05B11/1033>
D	B05B11/3035	3	{ the pumping chamber being a bellow }	<administrative transfer to B05B11/1035>
D	B05B11/3036	3	{ the outlet valve being opened in the direction opposite to the fluid flow downstream the outlet valve by the pressure acting on a valve controlling element }	<administrative transfer to B05B11/1036>
D	B05B11/3038	2	{ Pressure accumulation pumps, i.e. pumps comprising a pressure accumulation chamber }	<administrative transfer to B05B11/1038>
D	B05B11/3039	3	{ the outlet valve being mechanically opened after a defined accumulation stroke }	<administrative transfer to B05B11/1039>
D	B05B11/304	3	{ the outlet valve being opened by pressure after a defined accumulation stroke }	<administrative transfer to B05B11/104>
D	B05B11/3042	2	{ Components or details }	<administrative transfer to B05B11/1042>
D	B05B11/3043	3	{ Sealing or attachment arrangements between pump and container (sealing arrangements around pump actuating stem B05B11/305) }	<administrative transfer to B05B11/1043>
D	B05B11/3045	4	{ the pump being preassembled as an independent unit before being mounted on the container (B05B11/3047, B05B11/3049 take precedence) }	<administrative transfer to B05B11/1045>
D	B05B11/3046	4	{ the pump chamber being arranged substantially coaxially to the neck of the container (B05B11/3049 takes precedence) }	<administrative transfer to B05B11/1046>
D	B05B11/3047	5	{ the pump being preassembled as an independent unit before being mounted on the container }	<administrative transfer to B05B11/1047>
D	B05B11/3049	4	{ Attachment arrangements comprising a deformable or resilient ferrule clamped or locked onto the neck of the container by displacing, e.g. sliding, a sleeve surrounding the ferrule }	<administrative transfer to B05B11/1049>
D	B05B11/305	3	{ Sealing arrangements around pump actuating stem }	<administrative transfer to B05B11/105>

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D	B05B11/3052	3	{ Actuation means (locking means therefor B05B11/3059; B05B11/309 takes precedence)}	<administrative transfer to B05B11/1052>
D	B05B11/3053	4	{ combined with means, other than pressure, for automatically opening a valve during actuation; combined with means for automatically removing closures or covers from the discharge nozzle during actuation }	<administrative transfer to B05B11/1053>
D	B05B11/3054	5	{ the valve being located upstream of an outlet valve }	<administrative transfer to B05B11/1054>
D	B05B11/3056	4	{ comprising rotatable or articulated levers (lever actuated piston pumps B05B11/3009, lever actuated pumps with deformable chamber B05B11/3029; B05B11/3053 take precedence)}	<administrative transfer to B05B11/1056>
D	B05B11/3057	5	{ Triggers, i.e. actuation means consisting of a single lever having one end rotating or pivoting around an axis or a hinge fixedly attached to the container, and another end directly actuated by the user }	<administrative transfer to B05B11/1057>
D	B05B11/3059	3	{ Means for locking a pump or its actuation means in a fixed position (B05B11/3091 takes precedence)}	<administrative transfer to B05B11/1059>
D	B05B11/306	4	{ in a retracted position, e.g. in an end-of-dispensing-stroke position }	<administrative transfer to B05B11/106>
D	B05B11/3061	3	{ Pump priming means }	<administrative transfer to B05B11/1061>
D	B05B11/3063	4	{ Air exhausted from the pump chamber being discharged into the container during priming }	<administrative transfer to B05B11/1063>
D	B05B11/3064	3	{ Pump inlet and outlet valve elements integrally formed of a deformable material (pump chambers having a deformable wall integrally formed with inlet and outlet valve elements B05B11/3033)}	<administrative transfer to B05B11/1064>
D	B05B11/3066	3	{ Pump inlet valves (B05B11/3018, B05B11/3019, B05B11/3064 take precedence)}	<administrative transfer to B05B11/1066>
D	B05B11/3067	4	{ actuated by pressure }	<administrative transfer to B05B11/1067>
D	B05B11/3069	5	{ the valve being made of a resiliently deformable material or being urged in a closed position by a spring }	<administrative transfer to B05B11/1069>
D	B05B11/307	4	{ Gate valves; Sliding valves }	<administrative transfer to B05B11/107>

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D	B05B11/3071	4	{Two inlet valves being placed in a supply conduit one upstream of the other}	<administrative transfer to B05B11/1071>
D	B05B11/3073	3	{Springs }	<administrative transfer to B05B11/1073>
D	B05B11/3074	4	{located outside pump chambers }	<administrative transfer to B05B11/1074>
D	B05B11/3076	4	{Traction springs, e.g. stretchable sleeve }	<administrative transfer to B05B11/1076>
D	B05B11/3077	4	{characterized by a particular shape or material (B05B11/3076 takes precedence)}	<administrative transfer to B05B11/1077>
D	B05B11/3078	4	{Vacuum chambers acting like springs }	<administrative transfer to B05B11/1078>
D	B05B11/308	3	{Means for counting the number of dispensing strokes }	<administrative transfer to B05B11/108>
D	B05B11/3081	2	{Arrangements for pumping several liquids or other fluent materials from several containers, e.g. for mixing them at the moment of pumping }	<administrative transfer to B05B11/1081>
D	B05B11/3083	3	{in adjustable proportion }	<administrative transfer to B05B11/1083>
D	B05B11/3084	3	{each liquid or other fluent material being pumped by a separate pump }	<administrative transfer to B05B11/1084>
D	B05B11/3085	4	{the pumps being coaxial }	<administrative transfer to B05B11/1085>
D	B05B11/3087	2	{Combination of liquid and air pumps }	<administrative transfer to B05B11/1087>
D	B05B11/3088	2	{the pump being a double-acting pump }	<administrative transfer to B05B11/1088>
D	B05B11/309	2	{the dispensing stroke being effected by the stored energy of a spring (B05B11/3088 takes precedence)}	<administrative transfer to B05B11/109>
D	B05B11/3091	3	{being first held in a loaded state by locking means or the like, then released (B05B11/3092 takes precedence)}	<administrative transfer to B05B11/1091>
D	B05B11/3092	3	{automatically released from a loaded state at the end of the loading stroke }	<administrative transfer to B05B11/1092>
D	B05B11/3094	2	{having inlet or outlet valves not being actuated by pressure or having no inlet or outlet valve }	<administrative transfer to B05B11/1094>
D	B05B11/3095	2	{with movable suction side }	<administrative transfer to B05B11/1095>
D	B05B11/3097	2	{with means for sucking back the liquid or other fluent material in the nozzle after a dispensing stroke }	<administrative transfer to B05B11/1097>
D	B05B11/3098	2	{Air being permanently entrapped or sucked into the liquid pump chamber }	<administrative transfer to B05B11/1098>

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*N = new entries where reclassification into entries is involved; C = entries with modified file scope where reclassification of documents from the entries is involved; Q = new entries which are firstly populated with documents via administrative transfers from deleted (D) entries. Afterwards, the transferred documents into the Q entry will either stay or be moved to more appropriate entries, as determined by intellectual reclassification; T = existing entries with enlarged file scope, which receive documents from C or D entries, e.g. when a limiting reference is removed from the entry title; M = entries with no change to the file scope (no reclassification); D = deleted entries; F = frozen entries will be deleted once reclassification of documents from the entries is completed; U = entries that are unchanged.

NOTES:

- **No {curly brackets} are used for titles in CPC only subclasses, e.g. C12Y, A23Y; 2000 series symbol titles of groups found at the end of schemes (orthogonal codes); or the Y section titles. The {curly brackets} are used for 2000 series symbol titles found interspersed throughout the main trunk schemes (breakdown codes).
- U groups: it is obligatory to display the required “anchor” symbol (U group), i.e. the entry immediately preceding a new group or an array of new groups to be created (in case new groups are not clearly subgroups of C-type groups). Always include the symbol, indent level and title of the U group in the table above.
- All entry types should be included in the scheme changes table above for better understanding of the overall scheme change picture. Symbol, indent level, and title are required for all types.
- “Transferred to” column must be completed for all C, D, F, and Q type entries. F groups will be deleted once reclassification is completed.
- When multiple symbols are included in the “Transferred to” column, avoid using ranges of symbols in order to be as precise as possible.
- For administrative transfer of documents, the following text should be used: “<administrative transfer to XX>”, “<administrative transfer to XX and YY simultaneously>”, or “<administrative transfer to XX, YY, ...and ZZ simultaneously>” when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be the source allocation type, unless otherwise indicated.
- Administrative transfer to 2000/Y series groups is assumed to be “additional information”.
- If needed, instructions for allocation type should be indicated within the angle brackets using the abbreviations “ADD” or “INV”: <administrative transfer to XX ADD> , <administrative transfer to XX INV>, or <administrative transfer to XX ADD, YY INV, ... and ZZ ADD simultaneously>.
- In certain situations, the “D” entries of 2000-series or Y-series groups may not require a destination (“Transferred to”) symbol, however it is required to specify “<no transfer>” in the “Transferred to” column for such cases.
- For finalization projects, the deleted “F” symbols should have <no transfer> in the “Transferred to” column.
- For more details about the types of scheme change, see CPC Guide.

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B. New, Modified or Deleted Warning notice(s)

SUBCLASS B05B - SPRAYING APPARATUS; ATOMISING APPARATUS; NOZZLES

<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
N	B05B 11/00		Group B05B 11/00 is impacted by reclassification into group B05B 11/01. Groups B05B 11/00 and B05B 11/01 should be considered in order to perform a complete search.
N	B05B 11/01		Group B05B 11/01 is incomplete pending reclassification of documents from group B05B 11/00. Groups B05B 11/00 and B05B 11/01 should be considered in order to perform a complete search.

*N = new warning, M = modified warning, D = deleted warning

NOTE: The "Location" column only requires the symbol PRIOR to the location of the warning. No further directions such as "before" or "after" are required.

2. A. DEFINITIONS (modified)

B05B

Definition statement

This place covers:

Replace: The existing Definition statement text with the following updated text.

Apparatus for the release or projection of drops or droplets into the atmosphere or into a chamber to form a mist or the like. The materials to be projected may be suspended in a stream of gas or vapour.

Apparatus as above, for the release or projection of streams or sprays of other fluent materials, e.g. particulate material entrained in a gas, into the atmosphere or into a chamber.

Examples of such apparatus, and subcomponents thereof covered by this subclass, include:

- Nozzles, spray heads, shower heads, roses, perforated pipes, spouts or other outlets, with or without auxiliary devices such as valves or heating means.
- Spraying or sprinkling apparatus with moving outlet elements or moving deflecting elements.
- Electrostatic spraying apparatus or installations.
- Spraying apparatus for discharge of liquids or other fluent materials from two or more sources, e.g. of liquid and air or powder and gas.
- Single-unit, i.e. unitary, hand-held apparatus in which flow of liquid is produced by the operator at the moment of use, e.g. by pumping, by squeezing a liquid container or by compressing a compressible bulb.
- Spraying plants, e.g. with means for supporting or feeding work; spray booths.
- Other spraying-type machines or apparatus, including fountains.
- Means for heating, mixing or pressurising of gases, liquids or other fluent materials that are sprayed, sprinkled, misted, released or projected using the apparatus of this subclass.
- Delivery control means or other details or accessories for use with the apparatus of this subclass.

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Relationships with other classification places

Delete: The following two rows of text from the Relationships with other classification places section.

B05C Applying liquids to surfaces (apparatus)

B05D Applying liquids to surfaces (methods/chemistry)

References**Limiting references**

This place does not cover:

Replace: The existing Limiting references table with the following updated table.

Spray-mixers with nozzles	B01F25/72
Processes for applying liquids or other fluent material to surfaces by spraying	B05D
Aerosol containers	B65D83/14
Drinking fountains	E03B9/20

Application-oriented references

Examples of places where the subject matter of this place is covered when specially adapted, used for a particular purpose, or incorporated in a larger system:

Replace: The existing Application-oriented references table with the following updated table.

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Dispensing fittings for drip irrigation	A01G25/023
Nozzles for bathing devices for special therapeutic or hygienic purposes	A61H33/00
Sprayers or atomisers specially adapted for therapeutic purposes	A61M11/00
Inhalators	A61M15/00
Nozzles specially adapted for fire-extinguishing	A62C31/02
Apparatus for spreading or distributing liquids or other fluent materials already applied to a surface with a blast of gas or vapour	B05C11/06
Cleaning by the force of jets, e.g. blowing-out cavities	B08B5/02
Machines or devices for abrasive blasting with particulate material	B24C3/00
Nozzles for injection moulding	B29C45/1603, B29C45/20
Nozzles for ink-jet printing mechanisms	B41J2/135
Nozzles specially adapted for windscreen washers	B60S1/52
Dropping or releasing powdered, liquid or gaseous matter in flight by spraying, e.g. insecticides	B64D1/18
Nozzles for introducing articles or materials into containers or wrappers	B65B39/00
Filling nozzles for transferring liquid from bulk storage containers or reservoirs into vehicles or into portable containers, e.g. in vehicle service stations	B67D7/42
Spray quenching devices	C21D1/667
Nozzles for drilling by liquid or gas jets	E21B7/18
Supplying combustion engines in general with combustible mixtures or constituents thereof	F02M

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Atomising devices for mist lubrication	F16N7/34
Burners	F23D

Insert: The following new reference in the Informative references table.

Informative references

Attention is drawn to the following places, which may be of interest for search:

Coating metallic material; Coating material with metallic material; Surface treatment of metallic material by diffusion into the surface, by chemical conversion or substitution; Coating by vacuum evaporation, by sputtering, by ion implantation or by chemical vapour deposition, in general	C23C
--	------

B05B 11/00

Relationships with other classification places

Replace: The existing Relationships with other classification places text with the following updated text.

The expression "Single-unit, i.e. unitary, hand-held apparatus comprising a container and a discharge nozzle attached thereto" is very important to properly define the border line with other areas of B05B as well as with other technical fields, e.g. B65D, A47K, F04B.

Single-unit, i.e. unitary, hand-held apparatus in which there exists a possibility to accumulate permanently a certain pressure on the material, e.g. liquid, and wherein this pressure is used to discharge the material through the outlet are not classified in B05B11/00 and sub-groups, but in B05B9/0805 and subgroups or B05B7/2402 and subgroups.

In apparatus classified in B05B11/109 and subgroups, energy can be stored, e.g. in the form of a compressed spring. However, the stored energy does not generate permanent pressure on the material for discharging the latter. Only when the spring is released is the material pressurized in the pump chamber.

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In apparatus classified in [B05B11/0041](#) and sub-groups, reservoirs containing the material may be permanently pressurized, e.g. by a follower piston pushed by a spring. However, this pressure is not used to discharge the material but only to feed the latter to a discharge device, e.g. a pump.

Aerosol containers are classified in [B65D83/14](#) and subgroups.

Apparatus of the [B05B7/00](#) type which are to be carried on or by a person, e.g. by hand, and which have a container are classified in [B05B7/2405](#), [B05B7/244](#) as well as their subgroups.

Apparatus of the [B05B9/00](#) type which are to be carried on or by a person, e.g. by hand, and have a container are classified in [B05B9/0805](#) and subgroups.

References

Delete: The entire Limiting references section.

Insert: The following new Informative references section.

Informative references

Attention is drawn to the following places, which may be of interest for search:

Spraying apparatus for discharge of liquids or other fluent materials from two or more sources, e.g. of liquid and air, of powder and gas	B05B7/00
Spraying apparatus for discharge of liquids or other fluent material, without essentially mixing with gas or vapour	B05B9/00

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2. B. DEFINITIONS QUICK FIX

<u>Symbol</u>	<u>Location of change</u> (e.g., section title)	<u>Existing reference symbol or text</u>	<u>Action; New symbol; New text</u>
B05B11/30	Entire Definition		Delete the entire definition.

NOTES:

- The table above is used for corrections or modifications to existing definitions, e.g. delete an entire definition or part thereof; propose new wording or modify wording of a section, change the symbol the definition is associated with, change or delete a reference symbol, etc.
- Do not delete (F) symbol definitions.

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3. REVISION CONCORDANCE LIST (RCL)

<u>Type*</u>	<u>From CPC Symbol (existing)</u>	<u>To CPC Symbol(s)</u>
C	B05B 11/00	B05B 11/00, B05B 11/01
D	B05B 11/00412	<administrative transfer to B05B 11/026>
D	B05B 11/00414	<administrative transfer to B05B 11/027>
D	B05B 11/00416	<administrative transfer to B05B 11/028>
D	B05B 11/00418	<administrative transfer to B05B 11/029>
D	B05B 11/30	<administrative transfer to B05B 11/10>
D	B05B 11/3001	<administrative transfer to B05B 11/1001>
D	B05B 11/3002	<administrative transfer to B05B 11/1002>
D	B05B 11/3004	<administrative transfer to B05B 11/1004>
D	B05B 11/3005	<administrative transfer to B05B 11/1005>
D	B05B 11/3007	<administrative transfer to B05B 11/1007>
D	B05B 11/3008	<administrative transfer to B05B 11/1008>
D	B05B 11/3009	<administrative transfer to B05B 11/1009>
D	B05B 11/3011	<administrative transfer to B05B 11/1011>
D	B05B 11/3012	<administrative transfer to B05B 11/1012>
D	B05B 11/3014	<administrative transfer to B05B 11/1014>
D	B05B 11/3015	<administrative transfer to B05B 11/1015>
D	B05B 11/3016	<administrative transfer to B05B 11/1016>
D	B05B 11/3018	<administrative transfer to B05B 11/1018>
D	B05B 11/3019	<administrative transfer to B05B 11/1019>
D	B05B 11/3021	<administrative transfer to B05B 11/1021>
D	B05B 11/3022	<administrative transfer to B05B 11/1022>
D	B05B 11/3023	<administrative transfer to B05B 11/1023>
D	B05B 11/3025	<administrative transfer to B05B 11/1025>
D	B05B 11/3026	<administrative transfer to B05B 11/1026>
D	B05B 11/3028	<administrative transfer to B05B 11/1028>
D	B05B 11/3029	<administrative transfer to B05B 11/1029>
D	B05B 11/303	<administrative transfer to B05B 11/103>
D	B05B 11/3032	<administrative transfer to B05B 11/1032>
D	B05B 11/3033	<administrative transfer to B05B 11/1033>
D	B05B 11/3035	<administrative transfer to B05B 11/1035>
D	B05B 11/3036	<administrative transfer to B05B 11/1036>
D	B05B 11/3038	<administrative transfer to B05B 11/1038>
D	B05B 11/3039	<administrative transfer to B05B 11/1039>
D	B05B 11/304	<administrative transfer to B05B 11/104>
D	B05B 11/3042	<administrative transfer to B05B 11/1042>
D	B05B 11/3043	<administrative transfer to B05B 11/1043>
D	B05B 11/3045	<administrative transfer to B05B 11/1045>
D	B05B 11/3046	<administrative transfer to B05B 11/1046>
D	B05B 11/3047	<administrative transfer to B05B 11/1047>
D	B05B 11/3049	<administrative transfer to B05B 11/1049>
D	B05B 11/305	<administrative transfer to B05B 11/105>
D	B05B 11/3052	<administrative transfer to B05B 11/1052>
D	B05B 11/3053	<administrative transfer to B05B 11/1053>
D	B05B 11/3054	<administrative transfer to B05B 11/1054>
D	B05B 11/3056	<administrative transfer to B05B 11/1056>

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Type*	From CPC Symbol (existing)	To CPC Symbol(s)
D	B05B 11/3057	<administrative transfer to B05B 11/1057>
D	B05B 11/3059	<administrative transfer to B05B 11/1059>
D	B05B 11/306	<administrative transfer to B05B 11/106>
D	B05B 11/3061	<administrative transfer to B05B 11/1061>
D	B05B 11/3063	<administrative transfer to B05B 11/1063>
D	B05B 11/3064	<administrative transfer to B05B 11/1064>
D	B05B 11/3066	<administrative transfer to B05B 11/1066>
D	B05B 11/3067	<administrative transfer to B05B 11/1067>
D	B05B 11/3069	<administrative transfer to B05B 11/1069>
D	B05B 11/307	<administrative transfer to B05B 11/107>
D	B05B 11/3071	<administrative transfer to B05B 11/1071>
D	B05B 11/3073	<administrative transfer to B05B 11/1073>
D	B05B 11/3074	<administrative transfer to B05B 11/1074>
D	B05B 11/3076	<administrative transfer to B05B 11/1076>
D	B05B 11/3077	<administrative transfer to B05B 11/1077>
D	B05B 11/3078	<administrative transfer to B05B 11/1078>
D	B05B 11/308	<administrative transfer to B05B 11/108>
D	B05B 11/3081	<administrative transfer to B05B 11/1081>
D	B05B 11/3083	<administrative transfer to B05B 11/1083>
D	B05B 11/3084	<administrative transfer to B05B 11/1084>
D	B05B 11/3085	<administrative transfer to B05B 11/1085>
D	B05B 11/3087	<administrative transfer to B05B 11/1087>
D	B05B 11/3088	<administrative transfer to B05B 11/1088>
D	B05B 11/309	<administrative transfer to B05B 11/109>
D	B05B 11/3091	<administrative transfer to B05B 11/1091>
D	B05B 11/3092	<administrative transfer to B05B 11/1092>
D	B05B 11/3094	<administrative transfer to B05B 11/1094>
D	B05B 11/3095	<administrative transfer to B05B 11/1095>
D	B05B 11/3097	<administrative transfer to B05B 11/1097>
D	B05B 11/3098	<administrative transfer to B05B 11/1098>

* C = entries with modified file scope where reclassification of documents from the entries is involved; Q = new entries which are firstly populated with documents via administrative transfers from deleted (D) entries. Afterwards, the transferred documents into the Q entry will either stay or be moved to more appropriate entries, as determined by intellectual reclassification; D = deleted entries; F = frozen entries will be deleted once reclassification of documents from the entries is completed.

NOTES:

- Only C, D, F, and Q type entries are included in the table above.
- When multiple symbols are included in the “To” column, do not use ranges of symbols.
- For administrative transfer of documents, the following text should be used: “< administrative transfer to XX>”, “<administrative transfer to XX and YY simultaneously>”, or “<administrative transfer to XX, YY, ...and ZZ simultaneously>” when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be the source allocation type, unless otherwise indicated.
- Administrative transfer to 2000/Y series groups is assumed to be “additional information”.
- If needed, instructions for allocation type should be indicated within the angle brackets using the abbreviations “ADD” or “INV”: <administrative transfer to XX ADD>, <administrative transfer to XX INV>, or < administrative transfer to XX ADD, YY INV, ... and ZZ ADD simultaneously>.
- In certain situations, the “D” entries of 2000-series or Y-series groups may not require a destination (“To”) symbol, however it is required to specify “<no transfer>” in the “To” column for such cases.
- RCL is not needed for finalisation projects.

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4. CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
B05B 11/00412		DELETE
B05B 11/00414		DELETE
B05B 11/00416		DELETE
B05B 11/00418		DELETE
B05B 11/01	B05B 11/01	NEW
B05B 11/026	B05B 11/02	NEW
B05B 11/027	B05B 11/02	NEW
B05B 11/028	B05B 11/02	NEW
B05B 11/029	B05B 11/02	NEW
B05B 11/10	B05B 11/10	NEW
B05B 11/1001	B05B 11/10	NEW
B05B 11/1002	B05B 11/10	NEW
B05B 11/1004	B05B 11/10	NEW
B05B 11/1005	B05B 11/10	NEW
B05B 11/1007	B05B 11/10	NEW
B05B 11/1008	B05B 11/10	NEW
B05B 11/1009	B05B 11/10	NEW
B05B 11/1011	B05B 11/10	NEW
B05B 11/1012	B05B 11/10	NEW
B05B 11/1014	B05B 11/10	NEW
B05B 11/1015	B05B 11/10	NEW
B05B 11/1016	B05B 11/10	NEW
B05B 11/1018	B05B 11/10	NEW
B05B 11/1019	B05B 11/10	NEW
B05B 11/1021	B05B 11/10	NEW
B05B 11/1022	B05B 11/10	NEW
B05B 11/1023	B05B 11/10	NEW
B05B 11/1025	B05B 11/10	NEW
B05B 11/1026	B05B 11/10	NEW
B05B 11/1028	B05B 11/10	NEW
B05B 11/1029	B05B 11/10	NEW
B05B 11/103	B05B 11/10	NEW
B05B 11/1032	B05B 11/10	NEW
B05B 11/1033	B05B 11/10	NEW
B05B 11/1035	B05B 11/10	NEW
B05B 11/1036	B05B 11/10	NEW
B05B 11/1038	B05B 11/10	NEW
B05B 11/1039	B05B 11/10	NEW
B05B 11/104	B05B 11/10	NEW
B05B 11/1042	B05B 11/10	NEW
B05B 11/1043	B05B 11/10	NEW

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<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
B05B 11/1045	B05B 11/10	NEW
B05B 11/1046	B05B 11/10	NEW
B05B 11/1047	B05B 11/10	NEW
B05B 11/1049	B05B 11/10	NEW
B05B 11/105	B05B 11/10	NEW
B05B 11/1052	B05B 11/10	NEW
B05B 11/1053	B05B 11/10	NEW
B05B 11/1054	B05B 11/10	NEW
B05B 11/1056	B05B 11/10	NEW
B05B 11/1057	B05B 11/10	NEW
B05B 11/1059	B05B 11/10	NEW
B05B 11/106	B05B 11/10	NEW
B05B 11/1061	B05B 11/10	NEW
B05B 11/1063	B05B 11/10	NEW
B05B 11/1064	B05B 11/10	NEW
B05B 11/1066	B05B 11/10	NEW
B05B 11/1067	B05B 11/10	NEW
B05B 11/1069	B05B 11/10	NEW
B05B 11/107	B05B 11/10	NEW
B05B 11/1071	B05B 11/10	NEW
B05B 11/1073	B05B 11/10	NEW
B05B 11/1074	B05B 11/10	NEW
B05B 11/1076	B05B 11/10	NEW
B05B 11/1077	B05B 11/10	NEW
B05B 11/1078	B05B 11/10	NEW
B05B 11/108	B05B 11/10	NEW
B05B 11/1081	B05B 11/10	NEW
B05B 11/1083	B05B 11/10	NEW
B05B 11/1084	B05B 11/10	NEW
B05B 11/1085	B05B 11/10	NEW
B05B 11/1087	B05B 11/10	NEW
B05B 11/1088	B05B 11/10	NEW
B05B 11/109	B05B 11/10	NEW
B05B 11/1091	B05B 11/10	NEW
B05B 11/1092	B05B 11/10	NEW
B05B 11/1094	B05B 11/10	NEW
B05B 11/1095	B05B 11/10	NEW
B05B 11/1097	B05B 11/10	NEW
B05B 11/1098	B05B 11/10	NEW
B05B 11/30		DELETE
B05B 11/3001		DELETE
B05B 11/3002		DELETE
B05B 11/3004		DELETE
B05B 11/3005		DELETE

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<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
B05B 11/3007		DELETE
B05B 11/3008		DELETE
B05B 11/3009		DELETE
B05B 11/3011		DELETE
B05B 11/3012		DELETE
B05B 11/3014		DELETE
B05B 11/3015		DELETE
B05B 11/3016		DELETE
B05B 11/3018		DELETE
B05B 11/3019		DELETE
B05B 11/3021		DELETE
B05B 11/3022		DELETE
B05B 11/3023		DELETE
B05B 11/3025		DELETE
B05B 11/3026		DELETE
B05B 11/3028		DELETE
B05B 11/3029		DELETE
B05B 11/303		DELETE
B05B 11/3032		DELETE
B05B 11/3033		DELETE
B05B 11/3035		DELETE
B05B 11/3036		DELETE
B05B 11/3038		DELETE
B05B 11/3039		DELETE
B05B 11/304		DELETE
B05B 11/3042		DELETE
B05B 11/3043		DELETE
B05B 11/3045		DELETE
B05B 11/3046		DELETE
B05B 11/3047		DELETE
B05B 11/3049		DELETE
B05B 11/305		DELETE
B05B 11/3052		DELETE
B05B 11/3053		DELETE
B05B 11/3054		DELETE
B05B 11/3056		DELETE
B05B 11/3057		DELETE
B05B 11/3059		DELETE
B05B 11/306		DELETE
B05B 11/3061		DELETE
B05B 11/3063		DELETE
B05B 11/3064		DELETE
B05B 11/3066		DELETE
B05B 11/3067		DELETE

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<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
B05B 11/3069		DELETE
B05B 11/307		DELETE
B05B 11/3071		DELETE
B05B 11/3073		DELETE
B05B 11/3074		DELETE
B05B 11/3076		DELETE
B05B 11/3077		DELETE
B05B 11/3078		DELETE
B05B 11/308		DELETE
B05B 11/3081		DELETE
B05B 11/3083		DELETE
B05B 11/3084		DELETE
B05B 11/3085		DELETE
B05B 11/3087		DELETE
B05B 11/3088		DELETE
B05B 11/309		DELETE
B05B 11/3091		DELETE
B05B 11/3092		DELETE
B05B 11/3094		DELETE
B05B 11/3095		DELETE
B05B 11/3097		DELETE
B05B 11/3098		DELETE

*Action column:

- For an (N) or (Q) entry, provide an IPC symbol and complete the Action column with “NEW.”
- For an existing CPC main trunk entry or indexing entry where the existing IPC symbol needs to be changed, provide an updated IPC symbol and complete the Action column with “UPDATED.”
- For a (D) CPC entry or indexing entry complete the Action column with “DELETE.” IPC symbol does not need to be included in the IPC column.
- For an (N) 2000 series CPC entry which is positioned within the main trunk scheme (breakdown code) provide an IPC symbol and complete the action column with “NEW”.
- For an (N) 2000 series CPC entry positioned at the end of the CPC scheme (orthogonal code), with no IPC equivalent, complete the IPC column with “CPCONLY” and complete the action column with “NEW”.

NOTES:

- F symbols are not included in the CICL table above.
- T and M symbols are not included in the CICL table above unless a change to the existing IPC is desired.

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5. CROSS-REFERENCE LIST (CRL)

Scheme references impacted by this revision project

<u>Location of reference to be changed</u>	<u>Referenced subclass or group to be changed</u>	<u>Action; New reference symbol; New text</u>
A01M7/0003	single-unit, i.e. unitary, hand-held apparatus in which flow of liquid or other fluent material is produced by the operator at the moment of use B05B 11/00	<u>Replace with:</u> single-unit hand-held apparatus in which flow of contents is produced by the muscular force of the operator at the moment of use B05B11/00
A01M9/0007	single-unit, i.e. unitary, hand-held apparatus in which flow of liquid or other fluent material is produced by the operator at the moment of use B05B 11/00	<u>Replace with:</u> single-unit hand-held apparatus in which flow of contents is produced by the muscular force of the operator at the moment of use B05B11/00
B05B9/0426	B05B11/30	B05B11/10
B05B11/0005	B05B11/3042	B05B11/1042
B05B11/0008	B05B11/3043	B05B11/1043
B05B11/0027	B05B11/3059	B05B11/1059
B05B11/0029	B05B11/3053	B05B11/1053
B05B11/0032	B05B11/3053	B05B11/1053
B05B11/0054	B05B11/3043	B05B11/1043
B05B11/0062	B05B11/3016	B05B11/1016
B05B11/0062	B05B11/3022	B05B11/1022
B05B11/0062	B05B11/3033	B05B11/1033
B05B11/0062	B05B11/3036	B05B11/1036
B05B11/0062	B05B11/304	B05B11/104
B05B11/0062	B05B11/3064	B05B11/1064
B05B11/0062	B05B11/3097	B05B11/1097
B05B11/0067	B05B11/3016	Delete
B05B11/0067	B05B11/3036	Delete
B05B11/0078	B05B11/3081	B05B11/1081
B65D83/646	B05B11/00418	B05B11/029

Definitions references impacted by this revision project

<u>Location of reference to be changed</u>	<u>Referenced subclass or group to be changed</u>	<u>Section of definition</u>	<u>Action; New reference symbol; New text</u>
B65D83/22	B05B11/3059	Informative references	<u>Replace with:</u> B05B11/1059
B67D7/0211	B05B11/3059	Informative references	<u>Replace with:</u> B05B11/1059
G01F11/00	B05B11/30	Limiting references	<u>Replace with:</u> B05B11/10

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NOTES:

- The CRL tables above are used for changes to locations **outside** of the project scope. Changes to references in scheme titles or definitions **inside** the project scope will be reflected in the “scheme change” template or one of the “definition” templates.
- In addition to other changes proposed in the tables above, in the column titled “Referenced subclass or group to be changed,” **referenced** D symbols should indicate an action of “delete” or should indicate a replacement symbol and **referenced** F symbols should indicate a replacement symbol.
- When a reference is deleted, text related to that reference will also be deleted unless other references or a range of references associated with the same text remain.