### **B66F**

### **CPC COOPERATIVE PATENT CLASSIFICATION**

PERFORMING OPERATIONS; TRANSPORTING B (NOTES omitted)

# TRANSPORTING

#### **B66** HOISTING; LIFTING; HAULING

HOISTING, LIFTING, HAULING OR PUSHING, NOT OTHERWISE PROVIDED FOR, **B66F** e.g. DEVICES WHICH APPLY A LIFTING OR PUSHING FORCE DIRECTLY TO THE SURFACE OF A LOAD ({invalid lifting devices A61G 7/10; } mounting artificial islands on piles or like supports E02B 17/00; scaffolding combined with lifting devices E04G 1/22; lifting devices for sliding forms E04G 11/24; lifting of buildings E04G 23/06; shores or struts E04G 25/00; lifts or other hoisting devices on ladders E06C 7/12; props for mining E21D 15/00)

### WARNINGS

- 1. The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups: B66F 19/02 covered by B66F 19/00
- 2. In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

1/00	Devices, e.g. jacks, for lifting loads in predetermined steps	3/245	<ul> <li>{comprising toggle levers (lazy-tongs mechanisms <u>B66F 3/22</u>)}</li> </ul>
1/02	<ul> <li>with locking elements, e.g. washers, co-operating with posts</li> </ul>	3/247	<ul> <li>{pneumatically actuated (<u>B66F 3/35</u> takes precedence)}</li> </ul>
1/025	• • {the devices being operated by fluid pressure	3/25	Constructional features
	( <u>B66F 1/08</u> takes precedence)}	3/26	Adaptations or arrangements of pistons
1/04	• • the posts being toothed	3/28	telescopic
1/06	and the devices being actuated mechanically	3/30	• • • with positive brakes or locks
1/08	and the devices being operated by fluid pressure	3/32	• • with means for avoiding excessive shocks on completion of movements
3/00	<b>Devices, e.g. jacks, adapted for uninterrupted</b> <b>lifting of loads</b> (mobile jacks of the garage type <u>B66F 5/00</u> )	3/35	<ul> <li>Inflatable flexible elements, e.g. bellows (inflatable load-engaging elements <u>B66F 3/40</u>; connection of valves to inflatable elastic bodies <u>B60C 29/00</u>)</li> </ul>
3/005	• {with rocking arm or sector}	3/36	Load-engaging elements
3/02	• with racks actuated by pinions	3/38	adjustable relative to piston
3/04	• • with several racks	3/40	inflatable (connection of valves to inflatable
3/06	• • with racks comprising pivotable toothed sections		elastic bodies <u>B60C 29/00</u> )
3/08	or segments, e.g. arranged in pairs screw operated ( <u>B66F 3/44</u> takes precedence;	3/42	with self-contained pumps, e.g. actuated by
3/08	gearings <u>F16H</u> )		hand
3/10	• • with telescopic sleeves	3/43	Pyrotechnical jacks
3/10	<ul> <li>comprising toggle levers (lazy-tongs mechanisms</li> </ul>	3/44	• with self-contained electric driving motors
5/12	B66F 3/22)	3/46	. Combinations of several jacks with means for
3/14	• actuated through pawl-and-ratchet mechanisms		interrelating lifting or lowering movements
3/16	<ul> <li>actuated through pawl and ratefield meetings</li> <li>actuated through bevel-wheel gearings</li> </ul>	5/00	Mobile jacks of the garage type mounted on wheels
3/18	<ul> <li>actuated through worm gearings</li> </ul>	2,00	or rollers
3/20	• actuated through multiple or change-speed	5/02	• with mechanical lifting gear
	gearings	5/025	• {screw-actuated}
3/22	• Lazy-tongs mechanisms {( <u>B66F 11/042</u> takes	5/04	• with fluid-pressure-operated lifting gear
	precedence)}	7/00	
3/24	. fluid-pressure operated (water-pressure machines	7/00	<b>Lifting frames, e.g. for lifting vehicles; Platform</b> <b>lifts</b> ({B66F 11/04 takes precedence } ; for lift-truck
	<u>F03B;</u> hydraulic gearings <u>F16H;</u> cylinders, pistons		platform <u>B66F 9/06</u> ) $(\underline{B00F 11/04}$ takes precedence }, for int-truck
	<u>F16J;</u> fluid-pressure servomotors <u>F15B</u> )	7/02	• with platforms suspended from ropes, cables, or
3/242	• • {suspended jacks}	1/02	chains {or screws and movable along pillars}

## B66F

7/025	• • {screw operated}
7/04	hydraulically or pneumatically operated
7/06	• with platforms supported by levers for vertical
	movement
7/0608	• {driven by screw or spindle}
7/0616	• • {Suspended platforms, i.e. the load platform
	hangs from the base}
7/0625	• • {with wheels for moving around the floor}
7/0633	• • {Mechanical arrangements not covered by the
	following subgroups}
7/0641	• • {Single levers, e.g. parallel links}
7/065	• • {Scissor linkages, i.e. X-configuration}
7/0658	• • • {Multiple scissor linkages horizontally
	arranged}
7/0666	• • • {Multiple scissor linkages vertically arranged}
7/0675	• • • • {Auxiliary scissors, e.g. above main
7/0/02	scissors}
7/0683	• • {Scissor linkage plus tilting action}
7/0691	• {Asymmetric linkages, i.e. Y-configuration}
7/08 7/085	<ul> <li>hydraulically or pneumatically operated</li> <li>{pneumatically operated}</li> </ul>
7/10	<ul> <li>with platforms supported directly by jacks</li> </ul>
7/10	<ul> <li>with platforms supported uncerty by jacks</li> <li>by mechanical jacks</li> </ul>
7/12	screw operated
7/14	<ul> <li>by one or more hydraulic or pneumatic jacks</li> </ul>
7/18	<ul> <li>by one of more hydraune of pheamatic jacks</li> <li>by a single central jack</li> </ul>
7/20	••••••••••••••••••••••••••••••••••••••
	platforms horizontal during movement
7/22	• with tiltable platforms (tilting vehicles for unloading
	<u>B65G 67/34</u> )
7/24	• for raising or lowering vehicles by their own power
7/243	• {Ramps}
7/246	• {Wheel supporting trolleys}
7/26	• for selective lifting of parts of vehicles (mobile $P(F) = P(F)$
7/28	<ul> <li>garage jacks <u>B66F 5/00</u>)</li> <li>Constructional details, e.g. end stops, pivoting</li> </ul>
1/20	supporting members, sliding runners adjustable to
	load dimensions
9/00	Devices for lifting or lowering bulky or heavy
3/00	goods for loading or unloading purposes (mobile
	or transportable lifts in, or associated with, buildings
	and specially adapted to be shifted from one part
	of a building or other structure to another part or
	to another building or structure <u>B66B 9/16</u> ; cranes
	<u>B66C</u> )
9/02	Stationary loaders or unloaders, e.g. for sacks
9/04	• • hydraulically actuated or controlled
9/06	• movable, with their loads, on wheels or the like, e.g.
	fork-lift trucks (vehicle aspects <u>B60</u> - <u>B62</u> ; vehicles predominantly for transporting loads and modified
	to facilitate loading or unloading <u>B60P 1/00;</u> low-
	lift hand trucks for transporting goods <u>B62B 3/06</u> )
9/061	• {characterised by having a lifting jib}
9/063	<ul> <li>. {Automatically guided}</li> </ul>
9/065	<ul> <li>non-masted (mobile jacks of the garage type</li> </ul>
	mounted on wheels or rollers <u>B66F 5/00</u> )
9/0655	• • • {with a telescopic boom}
9/07	. Floor-to-roof stacking devices, e.g. "stacker
9/07	Floor-to-roof stacking devices, e.g. "stacker cranes", "retrievers"
9/072	<ul> <li>Floor-to-roof stacking devices, e.g. "stacker cranes", "retrievers"</li> <li>{Travelling gear therefor}</li> </ul>
9/072 9/075	<ul> <li>Floor-to-roof stacking devices, e.g. "stacker cranes", "retrievers"</li> <li>. {Travelling gear therefor}</li> <li>. Constructional features or details</li> </ul>
9/072	<ul> <li>Floor-to-roof stacking devices, e.g. "stacker cranes", "retrievers"</li> <li>{Travelling gear therefor}</li> <li>Constructional features or details</li> <li>{Accessories, e.g. for towing, charging,</li> </ul>
9/072 9/075	<ul> <li>Floor-to-roof stacking devices, e.g. "stacker cranes", "retrievers"</li> <li>. {Travelling gear therefor}</li> <li>. Constructional features or details</li> </ul>

9/07509	(Droking)
	• • {Braking}
9/07513	• • {Details concerning the chassis}
9/07518	• • • {Fuel or oil tank arrangements}
9/07522	• • • {Variable length or width chassis}
9/07527	• • • {Covers for, e.g. engines or batteries}
9/07531	{Battery compartments}
9/07536	• • • • {Battery stoppers, i.e. means to hold
	battery in position}
9/0754	• • • {Battery removal arrangements}
9/07545	• • • {Overhead guards}
9/0755	• • {Position control; Position detectors}
9/07554	• • • {Counterweights}
9/07559	• • • {Stabilizing means}
9/07563	• • • {Fork-lift trucks adapted to be carried by
	transport vehicles}
9/07568	• • • {Steering arrangements}
9/07572	• • • {Propulsion arrangements}
9/07577	• • • {not supported by wheels, e.g. tracks or air
	cushions}
9/07581	• • • {Remote controls}
9/07586	• • {Suspension or mounting of wheels on chassis}
9/0759	• • {Details of operating station, e.g. seats, levers,
)/0/5)	operator platforms, cabin suspension}
9/07595	• • {Cooling arrangements for device or operator}
9/08	Masts; Guides; Chains
9/082	{inclinable}
9/085	• • • {Multiple forks, i.e. more than one pair
	mounted on a single mast or with more than one mast}
0/097	,
9/087	• • • {Monomasts}
9/10	• • • • movable in a horizontal direction relative to
	truck
9/105	• • • • {Articulated, i.e. front chassis with wheels
9/105	and mast rotatable relative to rear chassis
	and mast rotatable relative to rear chassis with wheels}
9/105 9/12	and mast rotatable relative to rear chassis with wheels } • • • Platforms; Forks; Other load supporting or
9/12	<ul> <li>and mast rotatable relative to rear chassis with wheels }</li> <li>Platforms; Forks; Other load supporting or gripping members</li> </ul>
9/12 9/122	<ul> <li>and mast rotatable relative to rear chassis with wheels }</li> <li>Platforms; Forks; Other load supporting or gripping members</li> <li>Short (longitudinally movable)</li> </ul>
9/12 9/122 9/125	<ul> <li>and mast rotatable relative to rear chassis with wheels}</li> <li>Platforms; Forks; Other load supporting or gripping members</li> <li>{longitudinally movable}</li> <li>{rotatable about a longitudinal axis}</li> </ul>
9/12 9/122 9/125 9/127	<ul> <li>and mast rotatable relative to rear chassis with wheels}</li> <li>Platforms; Forks; Other load supporting or gripping members</li> <li>{longitudinally movable}</li> <li>{rotatable about a longitudinal axis}</li> <li>{Working platforms}</li> </ul>
9/12 9/122 9/125	<ul> <li>and mast rotatable relative to rear chassis with wheels}</li> <li>Platforms; Forks; Other load supporting or gripping members</li> <li>{longitudinally movable}</li> <li>{rotatable about a longitudinal axis}</li> <li>{Working platforms}</li> <li>laterally movable, e.g. swingable, for slewing</li> </ul>
9/12 9/122 9/125 9/127 9/14	<ul> <li>and mast rotatable relative to rear chassis with wheels}</li> <li>Platforms; Forks; Other load supporting or gripping members</li> <li>{longitudinally movable}</li> <li>{rotatable about a longitudinal axis}</li> <li>{Working platforms}</li> <li>laterally movable, e.g. swingable, for slewing or transverse movements</li> </ul>
9/12 9/122 9/125 9/127 9/14 9/141	<ul> <li>and mast rotatable relative to rear chassis with wheels}</li> <li>Platforms; Forks; Other load supporting or gripping members</li> <li>{longitudinally movable}</li> <li>{rotatable about a longitudinal axis}</li> <li>{Working platforms}</li> <li>laterally movable, e.g. swingable, for slewing or transverse movements</li> <li>{with shuttle-type movement}</li> </ul>
9/12 9/122 9/125 9/127 9/14	<ul> <li>and mast rotatable relative to rear chassis with wheels}</li> <li>Platforms; Forks; Other load supporting or gripping members</li> <li>{longitudinally movable}</li> <li>{rotatable about a longitudinal axis}</li> <li>{Working platforms}</li> <li>laterally movable, e.g. swingable, for slewing or transverse movements</li> <li>{with shuttle-type movement}</li> <li>{Movements of forks either individually or</li> </ul>
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9/12 9/122 9/125 9/127 9/14 9/141 9/142	<ul> <li>and mast rotatable relative to rear chassis with wheels}</li> <li>Platforms; Forks; Other load supporting or gripping members</li> <li>{longitudinally movable}</li> <li>{rotatable about a longitudinal axis}</li> <li>{Working platforms}</li> <li>laterally movable, e.g. swingable, for slewing or transverse movements</li> <li>{with shuttle-type movement}</li> <li>{Movements of forks either individually or relative to each other}</li> <li>. {Movements of forks relative to each other - symmetric}</li> <li>. {Movements of forks relative to each</li> </ul>
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9/12 9/122 9/125 9/127 9/14 9/141 9/142 9/143 9/144 9/145	<ul> <li>and mast rotatable relative to rear chassis with wheels}</li> <li>Platforms; Forks; Other load supporting or gripping members</li> <li>{longitudinally movable}</li> <li>{rotatable about a longitudinal axis}</li> <li>{Working platforms}</li> <li>laterally movable, e.g. swingable, for slewing or transverse movements</li> <li>{with shuttle-type movement}</li> <li>{Movements of forks either individually or relative to each other}</li> <li>{Movements of forks relative to each other - symmetric}</li> <li>{Movements of fork around vertical axis}</li> </ul>
9/12 9/122 9/125 9/127 9/14 9/141 9/142 9/143 9/144	<ul> <li>and mast rotatable relative to rear chassis with wheels}</li> <li>Platforms; Forks; Other load supporting or gripping members</li> <li>{longitudinally movable}</li> <li>{rotatable about a longitudinal axis}</li> <li>{Working platforms}</li> <li>laterally movable, e.g. swingable, for slewing or transverse movements</li> <li>{with shuttle-type movement}</li> <li>{Movements of forks either individually or relative to each other}</li> <li>{Movements of forks relative to each other - symmetric}</li> <li>{Rotation of fork around vertical axis}</li> <li>{Side shift, i.e. both forks move together</li> </ul>
9/12 9/122 9/125 9/127 9/141 9/141 9/142 9/143 9/144 9/145 9/146	<ul> <li>and mast rotatable relative to rear chassis with wheels}</li> <li>Platforms; Forks; Other load supporting or gripping members</li> <li>{longitudinally movable}</li> <li>{rotatable about a longitudinal axis}</li> <li>{Working platforms}</li> <li>laterally movable, e.g. swingable, for slewing or transverse movements</li> <li>{with shuttle-type movement}</li> <li>{Movements of forks either individually or relative to each other}</li> <li>{Movements of forks relative to each other - symmetric}</li> <li>{Kotation of forks relative to each other - independent}</li> <li>{Rotation of fork around vertical axis}</li> <li>{Side shift, i.e. both forks move together sideways relative to fork support}</li> </ul>
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9/12 9/122 9/125 9/127 9/141 9/141 9/142 9/143 9/144 9/145 9/146	<ul> <li>and mast rotatable relative to rear chassis with wheels}</li> <li>Platforms; Forks; Other load supporting or gripping members</li> <li>{longitudinally movable}</li> <li>{rotatable about a longitudinal axis}</li> <li>{Working platforms}</li> <li>laterally movable, e.g. swingable, for slewing or transverse movements</li> <li>{With shuttle-type movement}</li> <li>{Movements of forks either individually or relative to each other}</li> <li>{Movements of forks relative to each other - symmetric}</li> <li>{Movements of forks relative to each other - independent}</li> <li>{Rotation of fork around vertical axis}</li> <li>{Side shift, i.e. both forks move together sideways relative to fork support</li> <li>{Whole unit including fork support</li> </ul>
9/12 9/122 9/125 9/127 9/141 9/141 9/142 9/143 9/144 9/145 9/146 9/147	<ul> <li>and mast rotatable relative to rear chassis with wheels}</li> <li>Platforms; Forks; Other load supporting or gripping members</li> <li>{longitudinally movable}</li> <li>{rotatable about a longitudinal axis}</li> <li>{Working platforms}</li> <li>laterally movable, e.g. swingable, for slewing or transverse movements</li> <li>{With shuttle-type movement}</li> <li>{Movements of forks either individually or relative to each other}</li> <li>{Movements of forks relative to each other - symmetric}</li> <li>{Kotation of fork around vertical axis}</li> <li>{Side shift, i.e. both forks move together sideways relative to fork support</li> <li>{Whole unit including fork support moves sideways}</li> </ul>
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9/12 9/122 9/125 9/127 9/141 9/141 9/142 9/143 9/143 9/144 9/145 9/146 9/147 9/148	<ul> <li>and mast rotatable relative to rear chassis with wheels}</li> <li>Platforms; Forks; Other load supporting or gripping members</li> <li>{longitudinally movable}</li> <li>{rotatable about a longitudinal axis}</li> <li>{Working platforms}</li> <li>laterally movable, e.g. swingable, for slewing or transverse movements</li> <li>{With shuttle-type movement}</li> <li>{Wovements of forks either individually or relative to each other}</li> <li>{Movements of forks relative to each other - symmetric}</li> <li>{Rotation of fork around vertical axis}</li> <li>{Side shift, i.e. both forks move together sideways relative to mast}</li> <li>{Whole unit including fork support moves relative to mast}</li> <li>{Whole unit including fork support rotates}</li> </ul>
9/12 9/122 9/125 9/127 9/141 9/141 9/142 9/143 9/143 9/144 9/145 9/146 9/147 9/148	<ul> <li>and mast rotatable relative to rear chassis with wheels}</li> <li>Platforms; Forks; Other load supporting or gripping members</li> <li>{longitudinally movable}</li> <li>{rotatable about a longitudinal axis}</li> <li>{Working platforms}</li> <li>laterally movable, e.g. swingable, for slewing or transverse movements</li> <li>{With shuttle-type movement}</li> <li>{Wovements of forks either individually or relative to each other}</li> <li>{Movements of forks relative to each other - symmetric}</li> <li>{Rotation of fork around vertical axis}</li> <li>{Side shift, i.e. both forks move together sideways relative to fork support</li> <li>{Whole unit including fork support moves relative to mast}</li> <li>{Whole unit including fork support rotates}</li> <li>inclinable relative to mast</li> </ul>
9/12 9/122 9/125 9/127 9/14 9/141 9/142 9/143 9/143 9/144 9/145 9/146 9/147 9/148 9/149	<ul> <li>and mast rotatable relative to rear chassis with wheels}</li> <li>Platforms; Forks; Other load supporting or gripping members</li> <li>{longitudinally movable}</li> <li>{rotatable about a longitudinal axis}</li> <li>{Working platforms}</li> <li>laterally movable, e.g. swingable, for slewing or transverse movements</li> <li>{With shuttle-type movement}</li> <li>{Wovements of forks either individually or relative to each other}</li> <li>{Movements of forks relative to each other - symmetric}</li> <li>{Rotation of fork around vertical axis}</li> <li>{Side shift, i.e. both forks move together sideways relative to fork support</li> <li>{Whole unit including fork support moves relative to mast}</li> <li>{Whole unit including fork support rotates}</li> <li>inclinable relative to mast</li> <li>inclinable forks, i.e. where only the</li> </ul>
9/12 9/122 9/125 9/127 9/14 9/141 9/142 9/143 9/143 9/144 9/145 9/146 9/147 9/148 9/149 9/149	<ul> <li>and mast rotatable relative to rear chassis with wheels}</li> <li>Platforms; Forks; Other load supporting or gripping members</li> <li>{longitudinally movable}</li> <li>{rotatable about a longitudinal axis}</li> <li>{Working platforms}</li> <li>laterally movable, e.g. swingable, for slewing or transverse movements</li> <li>{With shuttle-type movement}</li> <li>{Wovements of forks either individually or relative to each other}</li> <li>{Movements of forks relative to each other - symmetric}</li> <li>{Rotation of fork around vertical axis}</li> <li>{Side shift, i.e. both forks move together sideways relative to fork support</li> <li>{Whole unit including fork support moves relative to mast}</li> <li>{Whole unit including fork support rotates}</li> <li>inclinable relative to mast</li> </ul>
9/12 9/122 9/125 9/127 9/14 9/141 9/142 9/143 9/143 9/144 9/145 9/146 9/147 9/148 9/149 9/149	<ul> <li>and mast rotatable relative to rear chassis with wheels}</li> <li>Platforms; Forks; Other load supporting or gripping members</li> <li>{longitudinally movable}</li> <li>{rotatable about a longitudinal axis}</li> <li>{Working platforms}</li> <li>laterally movable, e.g. swingable, for slewing or transverse movements</li> <li>{With shuttle-type movement}</li> <li>{Wovements of forks either individually or relative to each other}</li> <li>{Movements of forks relative to each other - symmetric}</li> <li>{Rotation of fork around vertical axis}</li> <li>{Side shift, i.e. both forks move together sideways relative to fork support</li> <li>{Whole unit including fork support moves relative to mast}</li> <li>{Whole unit including fork support rotates}</li> <li>inclinable relative to mast</li> <li>inclinable forks, i.e. where only the</li> </ul>
9/12 9/122 9/125 9/127 9/14 9/141 9/142 9/143 9/143 9/143 9/144 9/145 9/146 9/147 9/148 9/149 9/165	<ul> <li>and mast rotatable relative to rear chassis with wheels}</li> <li>Platforms; Forks; Other load supporting or gripping members</li> <li>{longitudinally movable}</li> <li>{rotatable about a longitudinal axis}</li> <li>{Working platforms}</li> <li>laterally movable, e.g. swingable, for slewing or transverse movements</li> <li>{With shuttle-type movement}</li> <li>{Movements of forks either individually or relative to each other}</li> <li>{Movements of forks relative to each other - symmetric}</li> <li>{Kotation of fork around vertical axis}</li> <li>{Side shift, i.e. both forks move together sideways relative to fork support moves relative to mast}</li> <li>{Whole unit including fork support moves sideways}</li> <li>{Whole unit including fork support rotates}</li> <li>{Whole lorks, i.e. where only the horizontal section moves}</li> </ul>

### **B66F**

9/182	•••• {by magnetic means}
9/183	• • • • {Coplanar side clamps}
9/184	{Roll clamps}
9/185	•••• {by internally expanding grippers}
9/186	• • • • {Container lifting frames}
9/187	•••• {Drum lifting devices}
9/188	• • • • {Stacked-bricks lifting devices}
9/19	Additional means for facilitating unloading
9/195	•••• {for pushing the load}
9/20	Means for actuating or controlling masts,
	platforms, or forks (power take-off from
	vehicle transmissions, combined with vehicle
	propulsion systems <u>B60K</u> )
9/205	{ Arrangements for transmitting pneumatic,
	hydraulic or electric power to movable parts
0/22	or devices (for cranes <u>B66C 13/12</u> )}
9/22 9/24	<ul> <li>Hydraulic devices or systems</li> <li>Electrical devices or systems</li> </ul>
9/24	••••• Electrical devices of systems
11/00	Lifting devices specially adapted for particular
	uses not otherwise provided for (ground-engaging
	vehicle fittings for supporting, lifting or manoeuvring
	the vehicle <u>B60S 9/00</u> )
11/04	• for movable platforms or cabins, e.g. on vehicles,
	permitting workmen to place themselves in
	any desired position for carrying out required operations ({Working platforms on fork-lift
	trucks <u>B66F 9/127;</u> } vehicle aspects of service
	vehicles <u>B60P 3/14;</u> platforms for cleaning
	windows <u>A47L 3/02;</u> devices for rescuing
	persons from buildings <u>A62B 1/02;</u> liftable or
	lowerable platforms for use on ladders E06C 7/16;
	maintenance travellers for bridges E01D 19/10;
	scaffolds on an extensible sub-structure E04G 1/22)
11/042	• • {actuated by lazy-tongs mechanisms or
11/044	articulated levers}
11/044	• • {Working platforms suspended from booms}
11/046	• • {of the telescoping type}
11/048	• • {Mobile camera platform}
13/00	Common constructional features or accessories
13/005	• {Thrust chain devices}
15/00	Crowbars or levers
17/00	Safety devices, e.g. for limiting or indicating lifting force
17/003	• {for fork-lift trucks}
17/005	<ul> <li>{for working platforms}</li> </ul>
17/000	
19/00	Hoisting, lifting, hauling or pushing, not otherwise
	provided for
19/005	• {Lifting devices for manhole covers}
2700/00	Lifting apparatus
2700/00	• Lifting devices with a toothed post and pawl latch or
2700/02	with a post and locking elements
2700/025	• • with a post and locking elements
2700/03	Lifting jacks with pinion and rack
2700/04	<ul> <li>Jacks with screw and nut</li> </ul>
2700/05	<ul> <li>Hydraulic jacks</li> </ul>
2700/052	Support- or transmission members
2700/055	Jacks with a single cylinder
2700/057	• • Pistons, e.g. telescopic; Cylinders or sealing
	joints; Hydraulic travel-limiting devices or
	shock damping

2700/07	• Lifting devices actuated by the driving force of water
2700/09	• Other lifting devices
2700/12	Lifting platforms for vehicles or motorcycles or similar lifting apparatus
	0 11
2700/123	• • Details concerning the support members or
	devices not related to the lifting itself
2700/126	• Arrangements in which the platform is fixed to
	the upper end of a single or plural jacks