

CPC COOPERATIVE PATENT CLASSIFICATION

B PERFORMING OPERATIONS; TRANSPORTING

(NOTES omitted)

SEPARATING; MIXING

B09 DISPOSAL OF SOLID WASTE; RECLAMATION OF CONTAMINATED SOIL

B09B DISPOSAL OF SOLID WASTE NOT OTHERWISE PROVIDED FOR

NOTES

1. This subclass covers only single or combined operations, e.g. multistage operations, not fully classifiable in a single other subclass.
2. In this subclass, the following terms or expressions are used with the meanings indicated:
 - "disposal" means the discarding, e.g. dumping, or destroying of waste or its transformation into something useful or harmless;
 - "solid waste" includes waste which, although it has liquid content, is for practical purposes handled as solid.
3. In this subclass, it is desirable to add the indexing codes of group {[B09B 2101/00](#)}.

1/00 Dumping solid waste

- 1/002 . {Sea dumping}
- 1/004 . {Covering of dumping sites}
- 1/006 . {Shafts or wells in waste dumps}
- 1/008 . {Subterranean disposal, e.g. in boreholes or subsurface fractures}

3/00 Destroying solid waste or transforming solid waste into something useful or harmless

WARNING

Group [B09B 3/00](#) is incomplete pending reclassification of documents from groups [B09B 3/0066](#) and [B09B 3/0075](#).

Group [B09B 3/00](#) is also impacted by reclassification into groups [B09B 3/30](#), [B09B 3/32](#), [B09B 3/35](#), [B09B 3/38](#), [B09B 3/50](#), [B09B 3/60](#), [B09B 3/65](#) and [B09B 3/70](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 3/0066 . {Disposal of asbestos}
- (Frozen)

WARNING

Group [B09B 3/0066](#) is no longer used for the classification of documents as of January 1, 2022.

The content of this group is being reclassified into groups [B09B 3/00](#), [B09B 3/30](#), [B09B 3/32](#), [B09B 3/35](#), [B09B 3/38](#), [B09B 3/50](#), [B09B 3/60](#), [B09B 3/65](#), [B09B 3/70](#) and [B09B 2101/35](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 3/0075 . {Disposal of medical waste (casings for used articles, e.g. sharps [A61B 50/362](#); sterilisation of refuse [A61L 11/00](#); disposal of used needles or syringes [A61M 5/3205](#); disintegrating medical waste [B02C 19/0075](#))}

WARNING

Group [B09B 3/0075](#) is no longer used for the classification of documents as of January 1, 2022.

The content of this group is being reclassified into groups [B09B 3/00](#), [B09B 3/30](#), [B09B 3/32](#), [B09B 3/35](#), [B09B 3/38](#), [B09B 3/50](#), [B09B 3/60](#), [B09B 3/65](#), [B09B 3/70](#), [B09B 2101/65](#) and [B09B 2101/67](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 3/10 . involving an adsorption step
- 3/20 . Agglomeration, binding or encapsulation of solid waste

WARNING

Group [B09B 3/20](#) is impacted by reclassification into group [B09B 3/32](#).

Groups [B09B 3/20](#) and [B09B 3/32](#) should be considered in order to perform a complete search.

- 3/21 . . using organic binders or matrix

WARNING

Group [B09B 3/21](#) is impacted by reclassification into groups [B09B 3/23](#) and [B09B 3/24](#).

Groups [B09B 3/21](#), [B09B 3/23](#) and [B09B 3/24](#) should be considered in order to perform a complete search.

- 3/23 . . . Binders with asphalt
- WARNING**
- Group [B09B 3/23](#) is incomplete pending reclassification of documents from group [B09B 3/21](#).
- Groups [B09B 3/21](#) and [B09B 3/23](#) should be considered in order to perform a complete search.
- 3/24 . . . Binders with plastic
- WARNING**
- Group [B09B 3/24](#) is incomplete pending reclassification of documents from group [B09B 3/21](#).
- Groups [B09B 3/21](#) and [B09B 3/24](#) should be considered in order to perform a complete search.
- 3/25 . . . using mineral binders or matrix
- WARNING**
- Group [B09B 3/25](#) is impacted by reclassification into group [B09B 3/27](#).
- Groups [B09B 3/25](#) and [B09B 3/27](#) should be considered in order to perform a complete search.
- 3/27 . . . Binding by sodium silicate, e.g. cement or water glass
- WARNING**
- Group [B09B 3/27](#) is incomplete pending reclassification of documents from group [B09B 3/25](#).
- Groups [B09B 3/25](#) and [B09B 3/27](#) should be considered in order to perform a complete search.
- 3/29 . . . involving a melting or softening step
- 3/30 . . . involving mechanical treatment (involving an extraction step [B09B 3/80](#))
- WARNING**
- Group [B09B 3/30](#) is incomplete pending reclassification of documents from groups [B09B 3/00](#), [B09B 3/0066](#), [B09B 3/0075](#) and [B09B 5/00](#).
- All groups listed in this Warning should be considered in order to perform a complete search.
- 3/32 . . . Compressing or compacting
- WARNING**
- Group [B09B 3/32](#) is incomplete pending reclassification of documents from groups [B09B 3/00](#), [B09B 3/0066](#), [B09B 3/0075](#), [B09B 3/20](#) and [B09B 5/00](#).
- All groups listed in this Warning should be considered in order to perform a complete search.
- 3/35 . . . Shredding, crushing or cutting
- WARNING**
- Group [B09B 3/35](#) is incomplete pending reclassification of documents from groups [B09B 3/00](#), [B09B 3/0066](#), [B09B 3/0075](#) and [B09B 5/00](#).
- All groups listed in this Warning should be considered in order to perform a complete search.
- 3/38 . . . Stirring or kneading
- WARNING**
- Group [B09B 3/38](#) is incomplete pending reclassification of documents from groups [B09B 3/00](#), [B09B 3/0066](#), [B09B 3/0075](#) and [B09B 5/00](#).
- All groups listed in this Warning should be considered in order to perform a complete search.
- 3/40 . . . involving thermal treatment, e.g. evaporation (processes using mineral binders involving a melting or softening step [B09B 3/29](#); involving radiation [B09B 3/50](#))
- WARNING**
- Group [B09B 3/40](#) is impacted by reclassification into group [B09B 3/50](#).
- Groups [B09B 3/40](#) and [B09B 3/50](#) should be considered in order to perform a complete search.
- 3/45 . . . Steam treatment, e.g. supercritical water gasification or oxidation
- 3/50 . . . involving radiation, e.g. electro-magnetic waves
- WARNING**
- Group [B09B 3/50](#) is incomplete pending reclassification of documents from groups [B09B 3/00](#), [B09B 3/0066](#), [B09B 3/0075](#), [B09B 3/40](#) and [B09B 5/00](#).
- All groups listed in this Warning should be considered in order to perform a complete search.
- 3/60 . . . Biochemical treatment, e.g. by using enzymes
- WARNING**
- Groups [B09B 3/60](#) and [B09B 3/65](#) are incomplete pending reclassification of documents from groups [B09B 3/00](#), [B09B 3/0066](#), [B09B 3/0075](#) and [B09B 5/00](#).
- All groups listed in this Warning should be considered in order to perform a complete search.
- 3/65 . . . Anaerobic treatment

B09B

- 3/70 . Chemical treatment, e.g. pH adjustment or oxidation (involving an extraction step [B09B 3/80](#))

WARNING

Group [B09B 3/70](#) is incomplete pending reclassification of documents from groups [B09B 3/00](#), [B09B 3/0066](#), [B09B 3/0075](#), [B09B 3/80](#) and [B09B 5/00](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 3/80 . involving an extraction step

WARNING

Group [B09B 3/80](#) is impacted by reclassification into group [B09B 3/70](#).

Groups [B09B 3/80](#) and [B09B 3/70](#) should be considered in order to perform a complete search.

- 5/00 **Operations not covered by a single other subclass or by a single other group in this subclass**

WARNING

Group [B09B 5/00](#) is impacted by reclassification into groups [B09B 3/30](#), [B09B 3/32](#), [B09B 3/35](#), [B09B 3/38](#), [B09B 3/50](#), [B09B 3/60](#), [B09B 3/65](#) and [B09B 3/70](#).

All groups listed in this Warning should be considered in order to perform a complete search.

Indexing scheme associated with groups [B09B 1/00](#) – [B09B 5/00](#), relating to the type of disposed solid waste

2101/00 Type of solid waste

- 2101/007 . {Fuel tanks, especially draining thereof}
- 2101/014 . {Shock absorbers, especially draining thereof}
- 2101/018 . {Animal meals}
- 2101/02 . Gases or liquids enclosed in discarded articles, e.g. aerosol cans or cooling systems of refrigerators

WARNING

Group [B09B 2101/02](#) is impacted by reclassification into group [B09B 2101/78](#).

Groups [B09B 2101/02](#) and [B09B 2101/78](#) should be considered in order to perform a complete search.

- 2101/05 . Vehicles; Vehicle parts
- 2101/10 . Cans
- 2101/15 . Electronic waste
- 2101/16 . . Batteries
- 2101/17 . . Printed circuit boards [PCB]
- 2101/18 . . Mobile phones; Tablets
- 2101/20 . Filters, e.g. oil filters
- 2101/25 . Non-industrial waste, e.g. household waste
- 2101/30 . Incineration ashes

- 2101/35 . Asbestos

WARNING

Group [B09B 2101/35](#) is incomplete pending reclassification of documents from group [B09B 3/0066](#).

Groups [B09B 3/0066](#) and [B09B 2101/35](#) should be considered in order to perform a complete search.

- 2101/40 . Asphalt
- 2101/45 . Concrete
- 2101/50 . Glass
- 2101/55 . Slag
- 2101/60 . Ceramics, e.g. pottery
- 2101/65 . Medical waste

WARNING

Groups [B09B 2101/65](#) and [B09B 2101/67](#) are incomplete pending reclassification of documents from group [B09B 3/0075](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 2101/67 . . Diapers or nappies
- 2101/68 . . Transdermal patches
- 2101/70 . Kitchen refuse; Food waste
- 2101/75 . Plastic waste
- 2101/77 . . containing chlorine
- 2101/78 . . containing foamed plastics, e.g. polystyrol

WARNING

Group [B09B 2101/78](#) is incomplete pending reclassification of documents from group [B09B 2101/02](#).

Groups [B09B 2101/02](#) and [B09B 2101/78](#) should be considered in order to perform a complete search.

- 2101/80 . Rubber waste, e.g. scrap tyres
- 2101/85 . Paper; Wood; Fabrics, e.g. cloths
- 2101/90 . Soil, e.g. excavated soil from construction sites
- 2101/95 . Waste catalysts; Waste ion exchange materials; Waste adsorbents