

# 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](#))}

(Frozen)

#### 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