

# 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

- 3/10 . involving an adsorption step
- 3/20 . Agglomeration, binding or encapsulation of solid waste
  - 3/21 . . using organic binders or matrix
  - 3/23 . . . Binders with asphalt
  - 3/24 . . . Binders with plastic
  - 3/25 . . using mineral binders or matrix
  - 3/27 . . . Binding by sodium silicate, e.g. cement or water glass
  - 3/29 . . . involving a melting or softening step
  - 3/30 . involving mechanical treatment ([involving an extraction step B09B 3/80](#))
    - 3/32 . . Compressing or compacting
    - 3/35 . . Shredding, crushing or cutting
    - 3/38 . . Stirring or kneading
  - 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](#))
    - 3/45 . . Steam treatment, e.g. supercritical water gasification or oxidation
  - 3/50 . involving radiation, e.g. electro-magnetic waves
  - 3/60 . Biochemical treatment, e.g. by using enzymes
  - 3/65 . . Anaerobic treatment
  - 3/70 . Chemical treatment, e.g. pH adjustment or oxidation ([involving an extraction step B09B 3/80](#))
    - 3/80 . involving an extraction step

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

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

- | <b>2101/00</b> | <b>Type of solid waste</b>                                                                               |
|----------------|----------------------------------------------------------------------------------------------------------|
| 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 |
| 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                                                                                               |
| 2101/40        | . Asphalt                                                                                                |
| 2101/45        | . Concrete                                                                                               |
| 2101/50        | . Glass                                                                                                  |
| 2101/55        | . Slag                                                                                                   |
| 2101/60        | . Ceramics, e.g. pottery                                                                                 |
| 2101/65        | . Medical waste                                                                                          |
| 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                                                          |
| 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                                        |