

**CPC****COOPERATIVE PATENT CLASSIFICATION****D01B**

**MECHANICAL TREATMENT OF NATURAL FIBROUS OR FILAMENTARY MATERIAL TO OBTAIN FIBRES OF FILAMENTS, e.g. FOR SPINNING** (crude extraction of asbestos fibres from ores [B03B](#) ; apparatus for retting [D01C](#) )

**NOTE**

Attention is drawn to the note following the title of Class [D01](#)

**Guidance heading:****D01B 1/00**

**Mechanical separation of fibres from plant material, e.g. seeds, leaves, stalks**

- D01B 1/02 . Separating vegetable fibres from seeds, e.g. cotton
- D01B 1/04 . . Ginning
- D01B 1/06 . . . Roller gins, e.g. Macarthy type
- D01B 1/08 . . . Saw gins
- D01B 1/10 . Separating vegetable fibres from stalks or leaves
- D01B 1/12 . . Rippling
- D01B 1/14 . . Breaking or scutching, e.g. of flax; Decorticating
- D01B 1/16 . . . with devices dependent on a bending action to break or loosen fibre-bearing materials ([crushing rollers D01B 1/22](#))
- D01B 1/18 . . . With stamping devices
- D01B 1/20 . . . with scraping devices
- D01B 1/22 . . . with crushing or breaking rollers or plates
- D01B 1/24 . . . with toothed or other pointed devices
- D01B 1/26 . . . with beaters rotating about an axis parallel with the fibre bundle
- D01B 1/28 . . . with beaters rotating about an axis perpendicular to the fibre bundle
- D01B 1/30 . . . Details of machines
- D01B 1/32 . . . . Feeding arrangements
- D01B 1/34 . . . . Devices holding fibres or fibre-bearing materials during treatment
- D01B 1/36 . . . . . Conveying devices, e.g. moving bands or ropes
- D01B 1/38 . . . . Delivery or discharge arrangements
- D01B 1/40 . . . . Arrangements for disposing of non-fibrous materials
- D01B 1/42 . . . . . employing liquids
- D01B 1/44 . . . . Framework; Casings; Coverings; Grids
- D01B 1/46 . . . . Driving arrangements
- D01B 1/48 . . Drying retted fibres
- D01B 1/50 . Obtaining fibres from other specified vegetable matter, e.g. peat, Spanish moss

**D01B 3/00**      **Mechanical removal of impurities from animal fibres** (carbonising rags to recover animal fibres [D01C 5/00](#))

- D01B 3/02      . De-burring machines or apparatus (de-burring arrangements forming part of or intimately associated with carding or drafting machines, e.g. burr-crushing rollers, [D01G](#) )
- D01B 3/025      . . {Removing pieces of metal }
- D01B 3/04      . Machines or apparatus for washing or scouring loose wool fibres
- D01B 3/06      . . with circular movement of either wool or liquid
- D01B 3/08      . . with longitudinal movement of either wool or liquid
- D01B 3/10      . . Details of machines or apparatus

**D01B 5/00**      **Hackling or heckling machines** (hand heckling tools [D01G 33/00](#))

- D01B 5/02      . Details
- D01B 5/04      . . Apparatus for feeding, holding, or conveying materials to or in machines
- D01B 5/06      . . Construction, mounting, or operating features of heckling devices
- D01B 5/08      . . Arrangements for removing, or disposing of, tow or waste
- D01B 5/10      . . Touch pins or other ending devices
- D01B 5/12      . . Framework; Casings; Coverings
- D01B 5/14      . . Driving arrangements
- D01B 5/16      . . Arrangements for confining or removing dust or the like

**D01B 7/00**      **Obtaining silk fibres or filaments**

- D01B 7/02      . Cleaning or classifying silk cocoons
- D01B 7/04      . Reeling silk
- D01B 7/06      . Obtaining silk from cocoons or portions thereof not suitable for reeling (de-gumming silk [D01C 3/02](#))

**D01B 9/00**      **Other mechanical treatment of natural fibrous or filamentary material to obtain fibres or filaments**