

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**