

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](#)

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**