

**CPC****COOPERATIVE PATENT CLASSIFICATION****D21B****FIBROUS RAW MATERIALS OR THEIR MECHANICAL TREATMENT****D21B 1/00****Fibrous raw materials or their mechanical treatment****D21B 1/02**

- Pretreatment of the raw materials by chemical or physical means ([removal of bark B27L](#))

**D21B 1/021**

- . {by chemical means}

**D21B 1/023**

- . {Cleaning wood chips or other raw materials}

**D21B 1/025**

- . {Separating pith from fibrous vegetable materials}

**D21B 1/026**

- . {Separating fibrous materials from waste}

**D21B 1/028**

- . . {by dry methods}

**D21B 1/04**

- by dividing raw materials into small particles, e.g. fibres ([breaking-up or cutting wood or the like by dry methods B27L](#); [disintegrating peat C10F 7/02](#); obtaining fibres mechanically for spinning from rags, peat, or the like [D01B](#))

**D21B 1/06**

- . by dry methods

**D21B 1/061**

- . . {using cutting devices}

**D21B 1/063**

- . . {using grinding devices}

**D21B 1/065**

- . . . {of the magazine type}

**D21B 1/066**

- . . . {the raw material being pulp sheets}

**D21B 1/068**

- . . . {by cutting actions}

**D21B 1/08**

- . . . the raw material being waste paper ([chemical part D21C 5/02](#)); the raw material being rags

**D21B 1/10**

- . . . by cutting actions

**D21B 1/12**

- . by wet methods, by the use of steam ([beaters D21D 1/00](#))

**D21B 1/14**

- . . Disintegrating in mills ([in general B02C](#))

**D21B 1/16**

- . . . in the presence of chemical agents

**D21B 1/18**

- . . . in magazine-type machines

**D21B 1/20**

- . . . with chain feed

**D21B 1/22**

- . . . with screw feed

**D21B 1/24**

- . . . of the pocket type

**D21B 1/26**

- . . . Driving or feeding arrangements

**D21B 1/28**

- . . . Dressers for mill stones, combined with the mill

**D21B 1/30**

- . . Defibrating by other means

**D21B 1/303**

- . . . {using vibrating devices}

**D21B 1/306**

- . . . {using microwaves}

**D21B 1/32**

- . . . of waste paper

**D21B 1/322**

- . . . . {coated with synthetic materials}

**D21B 1/325**

- . . . . {de-inking devices}

**D21B 1/327**

- . . . . {using flotation devices}

- D21B 1/34 . . . . Kneading or mixing; Pulpers
- D21B 1/342 . . . . {Mixing apparatus}
- D21B 1/345 . . . . {Pulpers}
- D21B 1/347 . . . . {Rotor assemblies}
- D21B 1/36 . . . . Explosive disintegration by sudden pressure reduction
- D21B 1/38 . Conserving the finely-divided cellulosic material