

CPC COOPERATIVE PATENT CLASSIFICATION

D TEXTILES; PAPER

PAPER

D21 PAPER-MAKING; PRODUCTION OF CELLULOSE

D21B FIBROUS RAW MATERIALS OR THEIR MECHANICAL TREATMENT

WARNING

In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

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|-------------|---|-------|---|
| 1/00 | Fibrous raw materials or their mechanical treatment (pretreatment of the finely-divided materials before digesting D21C 1/00 ; methods of beating or refining pulp D21D 1/00 ; purification of the pulp suspension by mechanical means D21D 5/00) | 1/34 | Kneading or mixing; Pulpers |
| | | 1/342 | {Mixing apparatus} |
| | | 1/345 | {Pulpers} |
| | | 1/347 | {Rotor assemblies} |
| 1/02 | . Pretreatment of the raw materials by chemical or physical means (removal of bark B27L) | 1/36 | Explosive disintegration by sudden pressure reduction |
| 1/021 | . . {by chemical means} | 1/38 | . Conserving the finely-divided cellulosic material |
| 1/023 | . . {Cleaning wood chips or other raw materials} | | |
| 1/025 | . . {Separating pith from fibrous vegetable materials} | | |
| 1/026 | . . {Separating fibrous materials from waste} | | |
| 1/028 | . . . {by dry methods} | | |
| 1/04 | . by dividing raw materials into small particles, e.g. fibres (breaking-up or cutting wood or the like by dry methods B27L ; mechanical separation of fibres from plant material D01B 1/00 ; hackling or heckling machines D01B 5/00) | | |
| 1/06 | . . by dry methods | | |
| 1/061 | . . . {using cutting devices} | | |
| 1/063 | . . . {using grinding devices} | | |
| 1/065 | {of the magazine type} | | |
| 1/066 | . . . {the raw material being pulp sheets} | | |
| 1/068 | {by cutting actions} | | |
| 1/08 | . . . the raw material being waste paper (chemical part D21C 5/02); the raw material being rags | | |
| 1/10 | by cutting actions | | |
| 1/12 | . . by wet methods, by the use of steam (beaters D21D 1/00) | | |
| 1/14 | . . . Disintegrating in mills | | |
| 1/16 | in the presence of chemical agents | | |
| 1/18 | in magazine-type machines | | |
| 1/20 | with chain feed | | |
| 1/22 | with screw feed | | |
| 1/24 | of the pocket type | | |
| 1/26 | Driving or feeding arrangements | | |
| 1/28 | Dressers for mill stones, combined with the mill | | |
| 1/30 | . . . Defibrating by other means | | |
| 1/303 | {using vibrating devices} | | |
| 1/306 | {using microwaves} | | |
| 1/32 | of waste paper | | |
| 1/322 | {coated with synthetic materials} | | |
| 1/325 | {de-inking devices} | | |
| 1/327 | {using flotation devices} | | |