

# CPC COOPERATIVE PATENT CLASSIFICATION

## D TEXTILES; PAPER

### PAPER

#### D21 PAPER-MAKING; PRODUCTION OF CELLULOSE

#### D21B FIBROUS RAW MATERIALS OR THEIR MECHANICAL TREATMENT

- |       |   |      |   |
|-------|---|------|---|
| 1/00  | <b>Fibrous raw materials or their mechanical treatment</b> (pretreatment of the finely-divided materials before digesting <a href="#">D21C 1/00</a> ; methods of beating or refining pulp <a href="#">D21D 1/00</a> ; purification of the pulp suspension by mechanical means <a href="#">D21D 5/00</a> ) | 1/36 | . . . . Explosive disintegration by sudden pressure reduction |
|       |   | 1/38 | . Conserving the finely-divided cellulosic material           |
| 1/02  | . Pretreatment of the raw materials by chemical or physical means (removal of bark <a href="#">B27L</a> )   |      |   |
| 1/021 | . . {by chemical means}   |      |   |
| 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 <a href="#">B27L</a> ; mechanical separation of fibres from plant material <a href="#">D01B 1/00</a> ; hackling or heckling machines <a href="#">D01B 5/00</a> )                    |      |   |
| 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 <a href="#">D21C 5/02</a> ); the raw material being rags  |      |   |
| 1/10  | . . . . by cutting actions  |      |   |
| 1/12  | . . by wet methods, by the use of steam (beaters <a href="#">D21D 1/00</a> )  |      |   |
| 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}   |      |   |
| 1/34  | . . . . Kneading or mixing; Pulpers   |      |   |
| 1/342 | . . . . . {Mixing apparatus}  |      |   |
| 1/345 | . . . . . {Pulpers}   |      |   |
| 1/347 | . . . . . {Rotor assemblies}  |      |   |