

# CPC COOPERATIVE PATENT CLASSIFICATION

## D21D TREATMENT OF THE MATERIALS BEFORE PASSING TO THE PAPER-MAKING MACHINE

1/00	Methods of beating or refining; Beaters of the Hollander type ( <a href="#">knotter screens D21F</a> )	99/00	Subject matter not provided for in other groups of this subclass
1/002	. {Control devices}		
1/004	. {Methods of beating or refining including dispersing or deflaking}		
1/006	. . {Disc mills}		
1/008	. . . {Discs}		
1/02	. Methods of beating; Beaters of the Hollander type		
1/04	. . Beater rolls or bars		
1/06	. . Bed plates		
1/08	. . Beaters with means for driving the pulp quickly		
1/10	. . Beaters with means for regulating the pressure between the beater roll and the bed plate		
1/12	. . Beaters with means for continuous pulp discharge		
1/14	. . Beaters with one beater roll and with vertical stuff circulation canal		
1/16	. . Beaters with means for returning the pulp over the head of the beater roll		
1/18	. . Beaters with two or more beater rolls		
1/20	. Methods of refining		
1/22	. . Jordans		
1/24	. . . Jordan rolls		
1/26	. . . Jordan bed plates		
1/28	. . Ball or rod mills		
1/30	. . Disc mills		
1/303	. . . {Double disc mills}		
1/306	. . . {Discs}		
1/32	. . Hammer mills		
1/34	. . Other mills or refiners		
1/36	. . . with vertical shaft		
1/38	. . . with horizontal shaft		
1/40	. . Washing the fibres		
5/00	Purification of the pulp suspension by mechanical means; Apparatus therefor ( <a href="#">centrifuges, cyclones B04</a> )		
5/005	. {Forming fibrous aggregates}		
5/02	. Straining or screening the pulp		
5/023	. . {Stationary screen-drums}		
5/026	. . . {with rotating cleaning foils}		
5/04	. . Flat screens		
5/043	. . . {Vibrating screens}		
5/046	. . . {Rotary screens}		
5/06	. . Rotary screen-drums		
5/08	. . . combined with a rocking movement		
5/10	. . . . of the tank		
5/12	. . . . of the screen		
5/14	. . . . of the tank and the screen		
5/16	. . Cylinders and plates for screens		
5/18	. with the aid of centrifugal force		
5/20	. . in apparatus with a horizontal axis		
5/22	. . in apparatus with a vertical axis		
5/24	. . in cyclones		
5/26	. De-aeration of paper stock		
5/28	. Tanks for storing or agitating pulp		