CPC COOPERATIVE PATENT CLASSIFICATION

D TEXTILES; PAPER

PAPER

D21 PAPER-MAKING; PRODUCTION OF CELLULOSE

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

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.

1/00	Methods of beating or refining; Beaters of the	5/08	combined with a rocking movement
	Hollander type (knotter screens <u>D21F</u>)	5/10	• • • of the tank
1/002	• {Control devices}	5/12	• • • of the screen
1/004	• {Methods of beating or refining including	5/14	• • • of the tank and the screen
	disperging or deflaking}	5/16	• • Cylinders and plates for screens
1/006	• • {Disc mills}	5/18	• with the aid of centrifugal force
1/008	• • • {Discs}	5/20	• • in apparatus with a horizontal axis
1/02	• Methods of beating; Beaters of the Hollander type	5/22	• • in apparatus with a vertical axis
1/04	. Beater rolls or bars	5/24	• • in cyclones
1/06	• Bed plates	5/26	De-aeration of paper stock
1/08	• Beaters with means for driving the pulp quickly	5/28	Tanks for storing or agitating pulp
1/10	• Beaters with means for regulating the pressure between the beater roll and the bed plate	99/00	Subject matter not provided for in other groups of
1/12	Beaters with means for continuous pulp discharge		this subclass
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 (centrifuges, cyclones B04)		
5/005	• {Forming fibrous aggregates}		
5/003 5/02	 Straining or screening the pulp 		
5/02 5/023	• {Stationary screen-drums}		
5/025 5/026	 {Stationary screen-druins} . {with rotating cleaning foils} 		
5/020 5/04	 . { whith foliating cleaning folis } . Flat screens 		
5/04 5/043	 Flat screens Vibrating screens} 		
5/045 5/046	{Viorating screens}		
5/046 5/06	Rotary screen-drums		
5/00	• • Notary screen-urunis		