

D21 PAPER-MAKING; PRODUCTION OF CELLULOSE**D21D TREATMENT OF THE MATERIALS BEFORE PASSING TO THE PAPER-MAKING MACHINE [5]**

1/00	Methods of beating or refining; Beaters of the Hollander type (knotter screens D21F)	1/38	. . . with horizontal shaft
1/02	. Methods of beating; Beaters of the Hollander type	1/40	. . Washing the fibres
1/04	. . Beater rolls or bars	5/00	Purification of the pulp suspension by mechanical means; Apparatus therefor (centrifuges, cyclones B04)
1/06	. . Bed plates	5/02	. Straining or screening the pulp
1/08	. . Beaters with means for driving the pulp quickly	5/04	. . Flat screens
1/10	. . Beaters with means for regulating the pressure between the beater roll and the bed plate	5/06	. . Rotary screen-drums
1/12	. . Beaters with means for continuous pulp discharge	5/08	. . . combined with a rocking movement
1/14	. . Beaters with one beater roll and with vertical stuff circulation canal	5/10	 of the tank
1/16	. . Beaters with means for returning the pulp over the head of the beater roll	5/12	 of the screen
1/18	. . Beaters with two or more beater rolls	5/14	 of the tank and the screen
1/20	. Methods of refining	5/16	. . Cylinders and plates for screens
1/22	. . Jordans	5/18	. with the aid of centrifugal force
1/24	. . . Jordan rolls	5/20	. . in apparatus with a horizontal axis
1/26	. . . Jordan bed plates	5/22	. . in apparatus with a vertical axis
1/28	. . Ball or rod mills	5/24	. . in cyclones
1/30	. . Disc mills	5/26	. De-aeration of paper stock
1/32	. . Hammer mills	5/28	. Tanks for storing or agitating pulp
1/34	. . Other mills or refiners	99/00	Subject matter not provided for in other groups of this subclass [8]
1/36	. . . with vertical shaft		