

CPC**COOPERATIVE PATENT CLASSIFICATION****D21D****TREATMENT OF THE MATERIALS BEFORE PASSING TO THE PAPER-MAKING MACHINE****Guidance heading:****D21D 1/00** **Methods of beating or refining; Beaters of the Hollander type** ([knotter screens D21F](#))

D21D 1/002 . {Control devices }

D21D 1/004 . { Methods of beating or refining including disperging or deflaking }

D21D 1/006 . . { Disc mills }

D21D 1/008 . . . { Discs }

D21D 1/02 . Methods of beating; Beaters of the Hollander type

D21D 1/04 . . Beater rolls or bars

D21D 1/06 . . Bed plates

D21D 1/08 . . Beaters with means for driving the pulp quickly

D21D 1/10 . . Beaters with means for regulating the pressure between the beater roll and the bed plate

D21D 1/12 . . Beaters with means for continuous pulp discharge

D21D 1/14 . . Beaters with one beater roll and with vertical stuff circulation canal

D21D 1/16 . . Beaters with means for returning the pulp over the head of the beater roll

D21D 1/18 . . Beaters with two or more beater rolls

D21D 1/20 . Methods of refining

D21D 1/22 . . Jordans

D21D 1/24 . . . Jordan rolls

D21D 1/26 . . . Jordan bed plates

D21D 1/28 . . Ball or rod mills

D21D 1/30 . . Disc mills

D21D 1/303 . . . {Double disc mills }

D21D 1/306 . . . {Discs }

D21D 1/32 . . Hammer mills

D21D 1/34 . . Other mills or refiners

D21D 1/36 . . . with vertical shaft

D21D 1/38 . . . with horizontal shaft

D21D 1/40 . . Washing the fibres

D21D 5/00 **Purification of the pulp suspension by mechanical means; Apparatus therefor** ([centrifuges, cyclones B04](#))

D21D 5/005 . {Forming fibrous aggregates }

D21D 5/02	. Straining or screening the pulp
D21D 5/023	.. {Stationary screen-drums }
D21D 5/026	... {with rotating cleaning foils }
D21D 5/04	.. Flat screens
D21D 5/043	... {Vibrating screens }
D21D 5/046	... {Rotary screens }
D21D 5/06	.. Rotary screen-drums
D21D 5/08	... combined with a rocking movement
D21D 5/10 of the tank
D21D 5/12 of the screen
D21D 5/14 of the tank and the screen
D21D 5/16	.. Cylinders and plates for screens
D21D 5/18	. with the aid of centrifugal force
D21D 5/20	.. in apparatus with a horizontal axis
D21D 5/22	.. in apparatus with a vertical axis
D21D 5/24	.. in cyclones
D21D 5/26	. De-aeration of paper stock
D21D 5/28	. Tanks for storing or agitating pulp
D21D 99/00	Subject matter not provided for in other groups of this subclass