

CPC**COOPERATIVE PATENT CLASSIFICATION****D21D****TREATMENT OF THE MATERIALS BEFORE PASSING TO THE PAPER-MAKING MACHINE****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