

ECLA**EUROPEAN CLASSIFICATION****D21D****TREATMENT OF THE MATERIALS BEFORE PASSING TO THE PAPER-MAKING MACHINE****D21D1/00****Methods of beating or refining; Beaters of the Hollander type** ([knotter screens D21F](#))

D21D1/00B

- . [\[N: Control devices\]](#)

D21D1/00D

- . [\[N: Methods of beating or refining including disperging or deflaking\]](#) [\[N1106\]](#)

D21D1/00D30

- . . [\[N: Disc mills\]](#) [\[N1106\]](#)

D21D1/00D30C

- . . . [\[N: Discs\]](#) [\[N1106\]](#)

D21D1/02

- . Methods of beating; Beaters of the Hollander type

D21D1/04

- . . Beater rolls or bars

D21D1/06

- . . Bed plates

D21D1/08

- . . Beaters with means for driving the pulp quickly

D21D1/10

- . . Beaters with means for regulating the pressure between the beater roll and the bed plate

D21D1/12

- . . Beaters with means for continuous pulp discharge

D21D1/14

- . . Beaters with one beater roll and with vertical stuff circulation canal

D21D1/16

- . . Beaters with means for returning the pulp over the head of the beater roll

D21D1/18

- . . Beaters with two or more beater rolls

D21D1/20

- . Methods of refining

D21D1/22

- . . Jordans

D21D1/24

- . . . Jordan rolls

D21D1/26

- . . . Jordan bed plates

D21D1/28

- . . Ball or rod mills

D21D1/30

- . . Disc mills

D21D1/30B

- . . . [\[N: Double disc mills\]](#)

D21D1/30C

- . . . [\[N: Discs\]](#)

D21D1/32

- . . Hammer mills

D21D1/34

- . . Other mills or refiners

D21D1/36

- . . . with vertical shaft

D21D1/38

- . . . with horizontal shaft

D21D1/40

- . . Washing the fibres

D21D5/00**Purification of the pulp suspension by mechanical means; Apparatus therefor** ([centrifuges, cyclones B04](#))

D21D5/00B

- . [\[N: Forming fibrous aggregates\]](#)

D21D5/02

- . Straining or screening the pulp

- D21D5/02B . . [N: Stationary screen-drums]
- D21D5/02B2 . . . [N: with rotating cleaning foils]
- D21D5/04 . . Flat screens
- D21D5/04B . . . [N: Vibrating screens]
- D21D5/04C . . . [N: Rotary screens]
- D21D5/06 . . Rotary screen-drums
- D21D5/08 . . . combined with a rocking movement
- D21D5/10 of the tank
- D21D5/12 of the screen
- D21D5/14 of the tank and the screen
- D21D5/16 . . Cylinders and plates for screens

- D21D5/18 . with the aid of centrifugal force
- D21D5/20 . . in apparatus with a horizontal axis
- D21D5/22 . . in apparatus with a vertical axis
- D21D5/24 . . in cyclones

- D21D5/26 . De-aeration of paper stock

- D21D5/28 . Tanks for storing or agitating pulp

- D21D99/00** **Subject matter not provided for in other groups of this subclass [N0704]**