

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]**