

**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
<b>D21D 99/00</b>		<b>Subject matter not provided for in other groups of this subclass</b>