

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