

D21 PAPER-MAKING; PRODUCTION OF CELLULOSE**D21F PAPER-MAKING MACHINES; METHODS OF PRODUCING PAPER THEREON**

MAKING CONTINUOUS WEBS

Complete machines..... 9/00

Details

wet end, transfer to press

section, press section, dryer

section 1/00, 2/00,
3/00, 5/00

other details 7/00

Processes 11/00

MAKING DISCONTINUOUS SHEETS 13/00

1/00 Wet end of machines for making continuous webs of paper

- 1/02 . Head boxes of Fourdrinier machines
- 1/04 . Head boxes of cylinder machines
- 1/06 . Regulating pulp flow
- 1/08 . Regulating consistency
- 1/10 . Wire-cloths (production of wire-cloths B21F)
- 1/12 . . Seams thereof
- 1/14 . . . welded
- 1/16 . . . sewn
- 1/18 . Shaking-apparatus for wire-cloths and associated parts
- 1/20 . . in Fourdrinier machines
- 1/22 . . in cylinder machines
- 1/24 . Tilting, raising, or lowering mechanisms for wire-cloths
- 1/26 . . in Fourdrinier machines
- 1/28 . . in cylinder machines
- 1/30 . Protecting wire-cloths from mechanical damage
- 1/32 . Washing wire-cloths or felts
- 1/34 . Construction or arrangement of spraying pipes
- 1/36 . Guiding mechanisms (suction rolls D21F 3/10)
- 1/38 . . Pads
- 1/40 . . Rolls
- 1/42 . . Jets
- 1/44 . Watermarking devices
- 1/46 . . Dandy rolls
- 1/48 . Suction apparatus (suction rolls D21F 3/10)
- 1/50 . . Suction boxes with rolls
- 1/52 . . Suction boxes without rolls
- 1/54 . Skimming devices, e.g. froth ledges
- 1/56 . Deckle frame arrangements
- 1/58 . Deckle straps
- 1/60 . Cylinder moulds
- 1/62 . Sand traps
- 1/64 . Magnetic separators
- 1/66 . Pulp catching, de-watering, or recovering; Re-use of pulp-water
- 1/68 . . using hydrocyclones (hydrocyclones B04C)
- 1/70 . . by flotation
- 1/72 . . using funnels
- 1/74 . . using cylinders
- 1/76 . . . with suction
- 1/78 . . . with pressure
- 1/80 . . using endless screening belts
- 1/82 . . adding fibre agglomeration compositions

2/00 Transferring webs from wet ends to press sections**3/00 Press section of machines for making continuous webs of paper**

- 3/02 . Wet presses
- 3/04 . . Arrangements thereof
- 3/06 . . Means for regulating the pressure
- 3/08 . . Pressure rolls
- 3/10 . . Suction rolls, e.g. couch rolls

5/00 Dryer section of machines for making continuous webs of paper

- 5/02 . Drying on cylinders
- 5/04 . . on two or more drying cylinders
- 5/06 . . Regulating temperature
- 5/08 . . Arrangement of steam points in the cylinders
- 5/10 . . Removing condensate from the interior of the cylinders
- 5/12 . Festoon drying
- 5/14 . Drying webs by applying vacuum
- 5/16 . Drying webs by electrical heating
- 5/18 . Drying webs by hot air
- 5/20 . Waste heat recovery

7/00 Other details of machines for making continuous webs of paper

- 7/02 . Mechanical driving arrangements
- 7/04 . Paper-break control devices
- 7/06 . Indicating or regulating the thickness of the layer; Signal devices
- 7/08 . Felts
- 7/10 . . Seams thereof
- 7/12 . . Drying

9/00 Complete machines for making continuous webs of paper

- 9/02 . of the Fourdrinier type
- 9/04 . of the cylinder type

11/00 Processes for making continuous lengths of paper, or of cardboard, or of wet web for fibreboard production, on paper-making machines

- 11/02 . of the Fourdrinier type
- 11/04 . . paper or board consisting of two or more layers
- 11/06 . of the cylinder type
- 11/08 . . paper or board consisting of two or more layers
- 11/10 . Making imitation mould-made paper
- 11/12 . Making corrugated paper or board
- 11/14 . Making cellulose wadding, filter- or blotting paper
- 11/16 . Making paper strips for spinning or twisting

D21F

13/00	Making discontinuous sheets of paper, pulpboard, or cardboard, or of wet web, for fibreboard production (making discontinuous sheets of board in moulds D21J; drying paper, pulpboard, or cardboard, in discontinuous-sheet form F26B)	13/04	. on cylinder board machines
		13/06	. . Format rolls
		13/08	. . . Automatic cut-off rolls
		13/10	. using board presses
13/02	. Making hand-made paper	13/12	. . Platen presses