

SECTION D — TEXTILES; PAPER

D21 PAPER-MAKING; PRODUCTION OF CELLULOSE

D21F PAPER-MAKING MACHINES; METHODS OF PRODUCING PAPER THEREON

Subclass index

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
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1/00	Wet end of machines for making continuous webs of paper		
1/02	• Head boxes of Fourdrinier machines	1/70	• • by flotation
1/04	• Head boxes of cylinder machines	1/72	• • using funnels
1/06	• Regulating pulp flow	1/74	• • using cylinders
1/08	• Regulating consistency	1/76	• • • with suction
1/10	• Wire-cloths	1/78	• • • with pressure
1/12	• • Seams thereof	1/80	• • using endless screening belts
1/14	• • • welded	1/82	• • adding fibre agglomeration compositions
1/16	• • • sewn	2/00	Transferring continuous webs from wet ends to press sections
1/18	• Shaking-apparatus for wire-cloths and associated parts	3/00	Press section of machines for making continuous webs of paper
1/20	• • in Fourdrinier machines	3/02	• Wet presses
1/22	• • in cylinder machines	3/04	• • Arrangements thereof
1/24	• Tilting, raising, or lowering mechanisms for wire-cloths	3/06	• • Means for regulating the pressure
1/26	• • in Fourdrinier machines	3/08	• • Pressure rolls
1/28	• • in cylinder machines	3/10	• • Suction rolls, e.g. couch rolls
1/30	• Protecting wire-cloths from mechanical damage	5/00	Dryer section of machines for making continuous webs of paper
1/32	• Washing wire-cloths or felts	5/02	• Drying on cylinders
1/34	• Construction or arrangement of spraying pipes	5/04	• • on two or more drying cylinders
1/36	• Guiding mechanisms	5/06	• • Regulating temperature
1/38	• • Pads	5/08	• • Arrangement of steam points in the cylinders
1/40	• • Rolls	5/10	• • Removing condensate from the interior of the cylinders
1/42	• • Jets	5/12	• Festoon drying
1/44	• Watermarking devices	5/14	• Drying webs by applying vacuum
1/46	• • Dandy rolls	5/16	• Drying webs by electrical heating
1/48	• Suction apparatus (suction rolls D21F 3/10)	5/18	• Drying webs by hot air
1/50	• • Suction boxes with rolls	5/20	• Waste heat recovery
1/52	• • Suction boxes without rolls	7/00	Other details of machines for making continuous webs of paper
1/54	• Skimming devices, e.g. froth ledges	7/02	• Mechanical driving arrangements
1/56	• Deckle frame arrangements	7/04	• Paper-break control devices
1/58	• Deckle straps	7/06	• Indicating or regulating the thickness of the layer; Signal devices
1/60	• Cylinder moulds	7/08	• Felts
1/62	• Sand traps	7/10	• • Seams thereof
1/64	• Magnetic separators		
1/66	• Pulp catching, de-watering, or recovering; Re-use of pulp-water		
1/68	• • using hydrocyclones		

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7/12	<ul style="list-style-type: none">• • Drying	11/14	<ul style="list-style-type: none">• Making cellulose wadding, filter- or blotting paper
9/00	Complete machines for making continuous webs of paper	11/16	<ul style="list-style-type: none">• Making paper strips for spinning or twisting
9/02	<ul style="list-style-type: none">• of the Fourdrinier type	13/00	Methods or apparatus for 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)
9/04	<ul style="list-style-type: none">• 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	13/02	<ul style="list-style-type: none">• Making hand-made paper
11/02	<ul style="list-style-type: none">• of the Fourdrinier type	13/04	<ul style="list-style-type: none">• on cylinder board machines
11/04	<ul style="list-style-type: none">• • paper or board consisting of two or more layers	13/06	<ul style="list-style-type: none">• • Format rolls
11/06	<ul style="list-style-type: none">• of the cylinder type	13/08	<ul style="list-style-type: none">• • • Automatic cut-off rolls
11/08	<ul style="list-style-type: none">• • paper or board consisting of two or more layers	13/10	<ul style="list-style-type: none">• using board presses
11/10	<ul style="list-style-type: none">• Making imitation mould-made paper	13/12	<ul style="list-style-type: none">• • Platen presses
11/12	<ul style="list-style-type: none">• Making corrugated paper or board		