

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

1/00	Wet end of machines for making continuous webs of paper [1, 2006.01]	1/66	• Pulp catching, de-watering, or recovering; Re-use of pulp-water [1, 2006.01]
1/02	• Head boxes of Fourdrinier machines [1, 2006.01]	1/68	• • using hydrocyclones [1, 2006.01]
1/04	• Head boxes of cylinder machines [1, 2006.01]	1/70	• • by flotation [1, 2006.01]
1/06	• Regulating pulp flow [1, 2006.01]	1/72	• • using funnels [1, 2006.01]
1/08	• Regulating consistency [1, 2006.01]	1/74	• • using cylinders [1, 2006.01]
1/10	• Wire-cloths [1, 2006.01]	1/76	• • • with suction [1, 2006.01]
1/12	• • Seams thereof [1, 2006.01]	1/78	• • • with pressure [1, 2006.01]
1/14	• • • welded [1, 2006.01]	1/80	• • using endless screening belts [1, 2006.01]
1/16	• • • sewn [1, 2006.01]	1/82	• • adding fibre agglomeration compositions [1, 2006.01]
1/18	• Shaking-apparatus for wire-cloths and associated parts [1, 2006.01]	2/00	Transferring continuous webs from wet ends to press sections [1, 2006.01]
1/20	• • in Fourdrinier machines [1, 2006.01]	3/00	Press section of machines for making continuous webs of paper [1, 2006.01]
1/22	• • in cylinder machines [1, 2006.01]	3/02	• Wet presses [1, 2006.01]
1/24	• Tilting, raising, or lowering mechanisms for wire-cloths [1, 2006.01]	3/04	• • Arrangements thereof [1, 2006.01]
1/26	• • in Fourdrinier machines [1, 2006.01]	3/06	• • Means for regulating the pressure [1, 2006.01]
1/28	• • in cylinder machines [1, 2006.01]	3/08	• • Pressure rolls [1, 2006.01]
1/30	• Protecting wire-cloths from mechanical damage [1, 2006.01]	3/10	• • Suction rolls, e.g. couch rolls [1, 2006.01]
1/32	• Washing wire-cloths or felts [1, 2006.01]	5/00	Dryer section of machines for making continuous webs of paper [1, 2006.01]
1/34	• Construction or arrangement of spraying pipes [1, 2006.01]	5/02	• Drying on cylinders [1, 2006.01]
1/36	• Guiding mechanisms [1, 2006.01]	5/04	• • on two or more drying cylinders [1, 2006.01]
1/38	• • Pads [1, 2006.01]	5/06	• • Regulating temperature [1, 2006.01]
1/40	• • Rolls [1, 2006.01]	5/08	• • Arrangement of steam points in the cylinders [1, 2006.01]
1/42	• • Jets [1, 2006.01]	5/10	• • Removing condensate from the interior of the cylinders [1, 2006.01]
1/44	• Watermarking devices [1, 2006.01]	5/12	• Festoon drying [1, 2006.01]
1/46	• • Dandy rolls [1, 2006.01]	5/14	• Drying webs by applying vacuum [1, 2006.01]
1/48	• Suction apparatus (suction rolls D21F 3/10) [1, 2006.01]	5/16	• Drying webs by electrical heating [1, 2006.01]
1/50	• • Suction boxes with rolls [1, 2006.01]	5/18	• Drying webs by hot air [1, 2006.01]
1/52	• • Suction boxes without rolls [1, 2006.01]	5/20	• Waste heat recovery [1, 2006.01]
1/54	• Skimming devices, e.g. froth ledges [1, 2006.01]	7/00	Other details of machines for making continuous webs of paper [1, 2006.01]
1/56	• Deckle frame arrangements [1, 2006.01]	7/02	• Mechanical driving arrangements [1, 2006.01]
1/58	• Deckle straps [1, 2006.01]		
1/60	• Cylinder moulds [1, 2006.01]		
1/62	• Sand traps [1, 2006.01]		
1/64	• Magnetic separators [1, 2006.01]		

D21F

- 7/04 • Paper-break control devices [**1, 2006.01**]
- 7/06 • Indicating or regulating the thickness of the layer; Signal devices [**1, 2006.01**]
- 7/08 • Felts [**1, 2006.01**]
- 7/10 • • Seams thereof [**1, 2006.01**]
- 7/12 • • Drying [**1, 2006.01**]
- 9/00 Complete machines for making continuous webs of paper [**1, 2006.01**]**
 - 9/02 • of the Fourdrinier type [**1, 2006.01**]
 - 9/04 • of the cylinder type [**1, 2006.01**]
- 11/00 Processes for making continuous lengths of paper, or of cardboard, or of wet web for fibreboard production, on paper-making machines [**1, 2006.01**]**
 - 11/02 • of the Fourdrinier type [**1, 2006.01**]
 - 11/04 • • paper or board consisting of two or more layers [**1, 2006.01**]
 - 11/06 • of the cylinder type [**1, 2006.01**]
 - 11/08 • • paper or board consisting of two or more layers [**1, 2006.01**]
- 11/10 • Making imitation mould-made paper [**1, 2006.01**]
- 11/12 • Making corrugated paper or board [**1, 2006.01**]
- 11/14 • Making cellulose wadding, filter- or blotting paper [**1, 2006.01**]
- 11/16 • Making paper strips for spinning or twisting [**1, 2006.01**]
- 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) [**1, 2006.01**]
 - 13/02 • Making hand-made paper [**1, 2006.01**]
 - 13/04 • on cylinder board machines [**1, 2006.01**]
 - 13/06 • • Format rolls [**1, 2006.01**]
 - 13/08 • • • Automatic cut-off rolls [**1, 2006.01**]
 - 13/10 • using board presses [**1, 2006.01**]
 - 13/12 • • Platen presses [**1, 2006.01**]