

CPC COOPERATIVE PATENT CLASSIFICATION

B PERFORMING OPERATIONS; TRANSPORTING

(NOTES omitted)

SHAPING

B27 WORKING OR PRESERVING WOOD OR SIMILAR MATERIAL; NAILING OR STAPLING MACHINES IN GENERAL

B27N MANUFACTURE BY DRY PROCESSES OF ARTICLES, WITH OR WITHOUT ORGANIC BINDING AGENTS, MADE FROM PARTICLES OR FIBRES CONSISTING OF WOOD OR OTHER LIGNOCELLULOSIC OR LIKE ORGANIC MATERIAL (containing cementitious material [B28B](#); shaping of substances in a plastic state [B29C](#); fibreboards made from fibrous suspensions [D21J](#); drying [F26B 17/00](#))

NOTE

This subclass does not cover treatment of compositions which are in a plastic state, or worked by the same type of process or apparatus as plastics, which is covered by subclass [B29B](#) or [B29C](#).

1/00	Pretreatment of moulding material	3/083	. . {Agents for facilitating separation of moulds from articles}
1/003	. {for reducing formaldehyde gas emission}		
1/006	. {for increasing resistance to swelling by humidity}	3/086	. . {Presses with means for extracting or introducing gases or liquids in the mat}
1/02	. Mixing the material with binding agent (mixing in general B01F)	3/10	. . Moulding of mats
1/0209	. . {Methods, e.g. characterised by the composition of the agent}	3/12	. . . from fibres
1/0218	. . {in rotating drums}	3/14	. . . Distributing or orienting the particles or fibres
1/0227	. . {using rotating stirrers, e.g. the agent being fed through the shaft of the stirrer}	3/143 {Orienting the particles or fibres}
1/0236	. . . {with the stirrers rotating about an horizontal axis, e.g. in consecutive casings (B27N 1/0254 takes precedence)}	3/146 {Controlling mat weight distribution}
1/0245 {with a single stirrer shaft}	3/16	. . Transporting the material from mat moulding stations to presses (B27N 3/22 takes precedence); Apparatus specially adapted for transporting the material or component parts thereof, e.g. cauls (transport devices in general B65G)
1/0254	. . . {with means for spraying the agent on the material before it is introduced in the mixer}	3/18	. . Auxiliary operations, e.g. preheating, humidifying, cutting-off
1/0263	. . {by spraying the agent on the falling material, e.g. with the material sliding along an inclined surface, using rotating elements or nozzles (B27N 1/0254 takes precedence)}	3/183	. . . {Forming the mat-edges, e.g. by cutting}
1/0272	. . {by bringing the material into contact with a rotating roll provided with a layer of binding agent}	3/186	. . . {Separating the cauls from the boards}
1/0281	. . {Combinations of dissimilar mixers}	3/20	. . characterised by using platen-presses
1/029	. . {Feeding; Proportioning; Controlling}	3/203	. . . {with heating or cooling means}
3/00	Manufacture of substantially flat articles, e.g. boards, from particles or fibres	3/206	. . . {for continuous boards}
3/002	. {characterised by the type of binder (compositions of macromolecular compounds C08L)}	3/22	. . . Charging or discharging
3/005	. {and foam}	3/24	. . characterised by using continuously acting presses having endless belts or chains moved within the compression zone
3/007	. {and at least partly composed of recycled material}	3/26	. . characterised by using continuously acting presses having a heated press drum and an endless belt to compress the material between belt and drum
3/02	. from particles	3/28	. . characterised by using extrusion presses
3/04	. from fibres	5/00	Manufacture of non-flat articles
3/06	. Making particle boards or fibreboards, with preformed covering layers, the particles or fibres being compressed with the layers to a board in one single pressing operation	5/02	. Hollow articles
3/08	. Moulding or pressing (presses in general B30B)	7/00	After-treatment, e.g. reducing swelling or shrinkage, surfacing; Protecting the edges of boards against access of humidity
		7/005	. {Coating boards, e.g. with a finishing or decorating layer}

B27N

9/00 Arrangements for fireproofing (fireproofing materials [C09K 21/00](#))