

# 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](#).

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

B27N

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