**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 **B39B** or **B29C**.

**WARNING**  
In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

**1/00**  
Pretreatment of moulding material

1/003  .  *[for reducing formaldehyde gas emission]*

1/006  .  *[for increasing resistance to swelling by humidity]*

1/02  .  Mixing the material with binding agent *(mixing in general * **B01F**)*

1/0209  .  *[Methods, e.g. characterised by the composition of the agent]*

1/0218  .  *[in rotating drums]*

1/0227  .  *[using rotating stirrers, e.g. the agent being fed through the shaft of the stirrer]*

1/0236  .  *[with the stirrers rotating about an horizontal axis, e.g. in consecutive casings (**B27N 1/0254** takes precedence)]*

1/0245  .  *[with a single stirrer shaft]*

1/0254  .  *[with means for spraying the agent on the material before it is introduced in the mixer]*

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)]*

1/0272  .  *[by bringing the material into contact with a rotating roll provided with a layer of binding agent]*

1/0281  .  *[Combinations of dissimilar mixers]*

1/029  .  *[Feeding; Proportioning; Controlling]*

**3/00**  
Manufacture of substantially flat articles, e.g. boards, from particles or fibres

3/002  .  *[characterised by the type of binder (compositions of macromolecular compounds **C08L**)]*

3/005  .  *[and foam]*

3/007  .  *[and at least partly composed of recycled material]*

3/02  .  *[from particles]*

3/04  .  *[from fibres]*

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*

3/08  .  *Moulding or pressing *(presses in general **B30B**)*

3/083  .  *[Agents for facilitating separation of moulds from articles]*

3/086  .  *[Presses with means for extracting or introducing gases or liquids in the mat]*

3/10  .  *Moulding of mats*

3/12  .  *[from fibres]*

3/14  .  *Distributing or orienting the particles or fibres*

3/143  .  *[Orienting the particles or fibres]*

3/146  .  *[Controlling mat weight distribution]*

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 therefor, e.g. cauls (transport devices in general **B65G**)*

3/18  .  *[Auxiliary operations, e.g. preheating, humidifying, cutting-off]*

3/183  .  *[Forming the mat-edges, e.g. by cutting]*

3/186  .  *[Separating the cauls from the boards]*

3/20  .  *characterised by using platen-presses*

3/203  .  *[with heating or cooling means]*

3/206  .  *[for continuous boards]*

3/22  .  *Charging or discharging*

3/24  .  *characterised by using continuously acting presses having endless belts or chains moved within the compression zone*

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*
characterised by using extrusion presses

Manufacture of non-flat articles

Hollow articles

After-treatment, e.g. reducing swelling or shrinkage, surfacing; Protecting the edges of boards against access of humidity

(Coating boards, e.g. with a finishing or decorating layer)

Arrangements for fireproofing (fireproofing materials C09K 21/00)