

Title (en)
PROCESS AND DEVICE FOR THE PRODUCTION OF TRUE-TO-MEASURE PANEL OR BLOCK-SHAPED COMPONENTS, ESPECIALLY MADE OF PLASTER

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Application
EP 87108530 A 19870612

Priority
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Abstract (en)
[origin: EP0294508A1] A device for carrying out a process for the production of true-to-measure panel- or block-shaped components from a setting material capable of being poured during working, in particular plaster, has a moulding box (11), containing at least one moulding chamber (29) and open on its top side, and a closing device (33, 42, 44) which is allocated to this moulding box (11) and is provided with at least one closing member (42) which can be displaced from a remote inoperative position into a closing position above the opening of the moulding box. In order to obtain efficient production of the panel- or block-shaped components with high dimensional accuracy and good surface finish, the moulding box is pivotably mounted about a horizontal axis (5) and is coupled to a pivoting device (15) pivoting it between a vertical position and a tilting position orientated at an angle to the vertical. In addition, when the moulding box is open, a casting-mash retention space open at the top is formed above the moulding box, which casting-mash retention space first of all receives during the casting operation a portion of the poured-in casting-mash mixture and from which the casting-mash mixture located there, with simultaneous, advancing, dimensionally accurate closure of the moulding chamber (29), is then pushed into the still empty volume of the moulding chamber until it is completely filled. <IMAGE>

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