

Title (en)
MOLD FOR PREFABRICATED CONCRETE PANELS

Title (de)
FORMWERKZEUG FÜR VORGEFERTIGTE BETONPLATTEN

Title (fr)
MOULE POUR PANNEAUX PREFABRIQUES EN BETON

Publication
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Application
EP 96939948 A 19961127

Priority

- ES 9600229 W 19961127
- ES 9502383 A 19951201

Abstract (en)
The concern is the development of reinforced or prestressed concrete precast panels having an open section with inverted channel form, ensuring suitable fire resistances of floor systems built with them. The width of panel ribs in current techniques is insufficient to provide fire resistant floors. This can be achieved employing inverted channel-section panels which form double-wide-ribbed slabs, with the same weight for precast elements. The problem is how to obtain such panels with a strickly rectangular exterior form to ensure that lateral sides are plane and parallel to get the smallest joints between coupled panels in floors so that their floor fire resistance are that of slabs with double-width ribs. The invention solves it by obtaining panels in a fixed continuous formwork bench, without moving any formwork part to take them out. Fabrication of this kind of panels, the procedure and the device to produce inverted channel-section panels are revendicated. <IMAGE>

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CPC (source: EP)
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Citation (search report)
See references of WO 9720666A1

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