

Title (en)  
PREFABRICATED SELF-SUPPORTING PLATE MADE OF POLYSTYRENE AND CONCRETE

Title (de)  
VORGEFERTIGTE SELBSTTRAGENDE PLATTE AUS POLYSTYREN UND BETON

Title (fr)  
PLAQUE PREFABRIQUEE AUTOPORTEUSE DE POLYSTYRENE

Publication  
**EP 1132538 A2 20010912 (EN)**

Application  
**EP 99941657 A 19990823**

Priority  
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Abstract (en)  
Pre-fabricated plate, self-supporting along its entire length, comprising two concrete ribs with a double T shape and three polystyrene arches of the same thickness as the ribs, which together with the on-site addition of a compression layer conform a floor. As the ribs have this double T shape and as said ribs are concreted against the arches, the unit is assembled and allows walking on the arches during construction with full safety. As an alternative the ends of the ribs may be provided with extensions having a lower cope in order to absorb the thickness of the plank of the semi-prefabricated beams of the scrap box type with a concrete plate, on which they will rest, thereby obtaining a smooth prefabricated structure on which plaster may be directly applied, without requiring a false ceiling.

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IPC 8 full level  
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Citation (search report)  
See references of WO 0012834A2

Cited by  
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