

Title (en)  
HORIZONTAL FLOOR MADE UP OF A LOAD-BEARING STRUCTURE AND FLOOR PANELS LAID THEREON

Title (de)  
HORIZONTALBODEN AUS EINER TRAGKONSTRUKTION UND DARAUFG VERLEGTE BODENPLATTEN

Title (fr)  
PLANCHER HORIZONTAL COMPOSÉ D'UNE STRUCTURE PORTEUSE ET DE PLAQUES DE SOL POSÉES DESSUS

Publication  
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Application  
**EP 22722500 A 20220412**

Priority  
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Abstract (en)  
[origin: WO202223375A1] A horizontal floor consists of a load-bearing structure and panels (7), which are laid thereon and together form a floor surface, wherein the load-bearing structure is made up of at least one main profile (1), which is fastened on vertical supports, and secondary profiles (2), which are arranged transversely in relation to the main profile (1), are connected at their end to the main profile (1) and on which the panels (7) rest by way of their underside (7A). In order for the load-bearing structure of a horizontal floor to be developed further such that all the forces acting horizontally on the floor are optimally absorbed by the load-bearing structure, a connecting element (20) is provided, this connecting element being made up in one piece of a first fastening edge (21), a second fastening edge (22), which is parallel to the first fastening edge, and a central portion (25) between the two fastening edges (21, 22). The first fastening edge (21) is at least indirectly supported on the main profile (1) and connected to it. The second fastening edge (22) is supported on the underside (7A) of one of the panels (7) and connected to this panel (7).

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