

Title (en)

BUILDING SLAB, ASSEMBLY OF SAME AND USE FOR PRODUCING STRUCTURES CAPABLE OF SUPPORTING HEAVY LOADS

Title (de)

PLATTE, ZUSAMMENBAU SOLCHER PLATTEN UND VERWENDUNG ZUM AUFNEHMEN SCHWERER LASTEN

Title (fr)

DALLE DE CONSTRUCTION, ASSEMBLAGE DE TELLES DALLES ET UTILISATION POUR REALISER DES STRUCTURES POUVANT SUPPORTER DES CHARGES IMPORTANTES

Publication

**EP 1149213 A1 20011031 (FR)**

Application

**EP 00901682 A 20000131**

Priority

- FR 0000215 W 20000131
- FR 9901416 A 19990203

Abstract (en)

[origin: US2001052211A1] A building slab is disclosed which is mountable on a support structure and capable of supporting a fixed or mobile load. The slab includes a base structure having a plurality of parallel planks, rectangular in cross-section, and assembled together with nails or screws. The planks have their longitudinal axis parallel to a plane of the slab, and are alternately offset with respect to one another and perpendicularly to the plane of the slab. The base structure is covered, at least over the entire surface to receive the load, with a continuous panel which extends over its entire width and is fixed at least against a top surface of the planks so that the load exerted on the panel is distributed over several lateral planks adjacent to those against which the load is directly exerted. The distribution of the load is along an axis perpendicular to the planks and parallel to the direction in which the planks are nailed or screwed together.

IPC 1-7

**E04C 2/12**; **E04B 5/12**

IPC 8 full level

**E04B 5/12** (2006.01); **E04B 5/23** (2006.01); **E04C 2/12** (2006.01)

CPC (source: EP US)

**E04B 5/12** (2013.01 - EP US); **E04B 5/23** (2013.01 - EP US); **E04C 2/12** (2013.01 - EP US); **E04B 2005/237** (2013.01 - EP US)

Citation (search report)

See references of WO 0046458A1

Cited by

FR2873728A1; FR3133205A1; EP1771629B1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**US 2001052211 A1 20011220**; **US 6550202 B2 20030422**; AT E258256 T1 20040215; AU 2300500 A 20000825; DE 60007842 D1 20040226; DE 60007842 T2 20041209; EP 1149213 A1 20011031; EP 1149213 B1 20040121; FR 2789102 A1 20000804; FR 2789102 B1 20010413; WO 0046458 A1 20000810

DOCDB simple family (application)

**US 91827001 A 20010730**; AT 00901682 T 20000131; AU 2300500 A 20000131; DE 60007842 T 20000131; EP 00901682 A 20000131; FR 0000215 W 20000131; FR 9901416 A 19990203