

Title (en)

Wood-concrete composite structure with height compensation intermediate layer

Title (de)

Holz/Beton-Verbundtragwerk mit Höhenausgleichszwischenschicht

Title (fr)

Structure porteuse composite en bois et béton dotée d'une couche intermédiaire à équilibrage des hauteurs

Publication

EP 2623689 B1 20170315 (DE)

Application

EP 12153317 A 20120131

Priority

EP 12153317 A 20120131

Abstract (en)

[origin: EP2623689A1] The wood/concrete composite support structure (2) has a first fixed number of beams provided on the supporting layer (14). The L-shaped and/or block-shaped locking elements (16) are mounted on the beams (4), such that a space (18) is defined above the beams from the side of the beams to separate gaps (20). A second height adjustment layer (10) is formed above the supporting layer in the form of a fluidized layer in which the spaces are separated by locking elements. The beams are connected to the third concrete layer (12) formed on second height adjustment layer.

IPC 8 full level

E04G 23/02 (2006.01); **E04B 1/16** (2006.01); **E04B 5/12** (2006.01); **E04C 3/29** (2006.01)

CPC (source: EP)

E04B 1/164 (2013.01); **E04B 5/12** (2013.01); **E04G 23/0237** (2013.01); **E04B 2005/232** (2013.01)

Cited by

CN111719883A; CN105239666A; CN111236681A

Designated contracting state (EPC)

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DOCDB simple family (publication)

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