

Title (en)
Composite floor element

Title (de)
Verbund-Bodenelement

Title (fr)
Élément composite de plancher

Publication
EP 1754842 A3 20090107 (DE)

Application
EP 06016187 A 20060803

Priority
DE 102005038996 A 20050816

Abstract (en)
[origin: EP1754842A2] A building is assembled from pre-fabricated components including a modular floor structure (1) with a surrounding U-section frame (2) and U-section sheet steel beam (3) link fittings both embedded in adjacent sections. The prefabricated floor further has a layer of thermal insulation under the concrete slab floor that also serves as disposable shuttering for the floor casting process.

IPC 8 full level
E04B 5/02 (2006.01); **E04B 5/10** (2006.01); **E04C 2/38** (2006.01)

CPC (source: EP)
E04B 5/04 (2013.01); **E04B 5/10** (2013.01); **E04C 2/384** (2013.01)

Citation (search report)

- [XY] US 4885884 A 19891212 - SCHILGER HERBERT K [CA]
- [X] US 4602467 A 19860729 - SCHILGER HERBERT K [CA]
- [XY] AT 301131 B 19720825 - JOSEF WEIDINGER
- [X] EP 0615035 A2 19940914 - P & M MFG CO LTD [US]
- [Y] JP H1171846 A 19990316 - NAT HOUSE IND
- [X] WO 9910607 A2 19990304 - LEBLANG DENNIS [US]

Cited by
CN105064577A; GB2607112A; WO2022254190A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1754842 A2 20070221; EP 1754842 A3 20090107; DE 102005038996 A1 20070222

DOCDB simple family (application)
EP 06016187 A 20060803; DE 102005038996 A 20050816