

Title (en)

Floor element with lifting tools

Title (de)

Bodenelement mit Hebewerkzeugen

Title (fr)

Élément de plancher doté d'outil de levage

Publication

**EP 2037058 A1 20090318 (EN)**

Application

**EP 07116568 A 20070917**

Priority

EP 07116568 A 20070917

Abstract (en)

The present invention relates to a floor element which is reinforced by at least one reinforcing wire (6,21) extending in longitudinal direction of the floor element, the floor element comprising a first and a second upright longitudinal side (3,13) and built-in lifting means (5) which are accessible from outside of the floor element to permit lifting thereof. The lifting means (5) comprise at least one frame shaped structure with consecutive frame elements (10,11) running in height and longitudinal direction of the floor element, wherein the at least one frame shaped structure is extended in longitudinal direction of the floor element. The at least one frame shaped structure contains connecting members (9,19) for connection to the at least one reinforcing wire.

IPC 8 full level

**E04G 21/14** (2006.01); **E04B 5/02** (2006.01); **E04C 2/52** (2006.01)

CPC (source: EP)

**E04B 5/043** (2013.01); **E04G 21/142** (2013.01); **E04G 21/145** (2013.01)

Citation (search report)

- [A] FR 2543481 A1 19841005 - LAROCHE FRANCIS [FR]
- [A] US 2794336 A 19570604 - BALLOU HARRY G
- [A] US 5242249 A 19930907 - GRAYSON BOYD H [US]
- [A] BE 1016424 A6 20061003 - ECHO [BE]
- [A] GB 2128654 A 19840502 - BALFOUR BEATTY LTD
- [A] US 5058345 A 19911022 - MARTINEZ MANUEL J [US]
- [A] DE 29913638 U1 20000203 - JELONNEK GUENTHER [DE]

Cited by

NO341267B1; CN105971175A; RU199196U1; US10081942B2

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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**EP 2037058 A1 20090318; EP 2037058 B1 20110914;** AT E524627 T1 20110915

DOCDB simple family (application)

**EP 07116568 A 20070917;** AT 07116568 T 20070917