

Title (en)  
DOUBLE-FLOOR DESIGN

Title (de)  
DOPPELBODENKONSTRUKTION

Title (fr)  
STRUCTURE DE PLANCHER SURÉLEVÉ

Publication  
**EP 2638222 B1 20170607 (DE)**

Application  
**EP 11846060 A 20111110**

Priority  
• DE 102010051003 A 20101110  
• DE 2011075265 W 20111110

Abstract (en)  
[origin: WO2012083940A2] The invention relates to a double-floor design with flooring panels (1) and a support structure to be placed on a sub-floor on which the flooring panels (1) can be laid abutting one another edge to edge and spaced from the sub-floor. According to the invention the support structure comprises support rails (3, 4) which extend below the joints (9) between the flooring panels (1) along the joints (9), and the flooring panels (1) and support rails (3, 4) comprise devices (10, 16) for vertically fitting the flooring panels (1) onto the support rails (3, 4), wherein the edge faces of the flooring panels (1) forming the joints (9) are pressed together horizontally.

IPC 8 full level  
**E04B 5/43** (2006.01); **E04F 15/024** (2006.01)

CPC (source: EP US)  
**E04B 5/43** (2013.01 - EP US); **E04F 15/02452** (2013.01 - EP US); **E04F 15/02458** (2013.01 - EP US); **E04F 15/02476** (2013.01 - EP US)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**DE 102010051003 A1 20120510**; AU 2011348625 A1 20130613; AU 2011348625 B2 20161201; CN 103228853 A 20130731; CN 103228853 B 20160810; DE 112011103286 A5 20130711; EA 027435 B1 20170731; EA 201300555 A1 20130930; EP 2638222 A2 20130918; EP 2638222 B1 20170607; JP 2013543939 A 20131209; US 2013232892 A1 20130912; US 9212483 B2 20151215; WO 2012083940 A2 20120628; WO 2012083940 A3 20120927

DOCDB simple family (application)  
**DE 102010051003 A 20101110**; AU 2011348625 A 20111110; CN 201180054160 A 20111110; DE 112011103286 T 20111110; DE 2011075265 W 20111110; EA 201300555 A 20111110; EP 11846060 A 20111110; JP 2013540238 A 20111110; US 201113884736 A 20111110