

Title (en)

MECHANICAL LOCKING OF FLOOR PANELS WITH VERTICAL FOLDING

Title (de)

MECHANISCHE ARRETIERUNG VON BODENPLATTEN MIT VERTIKALER FALTUNG

Title (fr)

VERROUILLAGE MÉCANIQUE DE PANNEAUX DE PLANCHER PAR PLIAGE VERTICAL

Publication

**EP 3540146 B1 20210825 (EN)**

Application

**EP 18209535 A 20071025**

Priority

- SE 0602429 A 20061115
- EP 12196884 A 20071025
- EP 07835365 A 20071025
- US 85896806 P 20061115
- SE 2007050781 W 20071025

Abstract (en)

[origin: WO2008060232A1] Floor panels (1, 1', 1'') are shown, which are provided with a mechanical locking system on long and short edges (5a, 5b, 4a, 4b) allowing installation with vertical folding and where the long edge (5a, 5b) locking system prevents separation of the short edges (4a, 4b) during the folding action.

IPC 8 full level

**E04F 15/02** (2006.01); **E04F 15/04** (2006.01)

CPC (source: EP KR)

**E04F 15/02** (2013.01 - EP); **E04F 15/02038** (2013.01 - KR); **E04F 15/04** (2013.01 - EP); **E04F 2201/0138** (2013.01 - EP); **E04F 2201/0153** (2013.01 - EP KR); **E04F 2201/0176** (2013.01 - EP); **E04F 2201/02** (2013.01 - KR); **E04F 2201/0523** (2013.01 - EP KR); **E04F 2201/0535** (2013.01 - EP); **E04F 2201/0547** (2013.01 - EP); **E04F 2201/0576** (2013.01 - EP); **E04F 2201/0588** (2013.01 - EP)

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

DOCDB simple family (publication)

**WO 2008060232 A1 20080522**; CA 2669105 A1 20080522; CA 2669105 C 20161025; EP 2082103 A1 20090729; EP 2082103 A4 20110511; EP 2082103 B1 20121219; EP 2570565 A2 20130320; EP 2570565 A3 20161116; EP 2570565 B1 20181205; EP 3540146 A1 20190918; EP 3540146 B1 20210825; KR 101468444 B1 20141203; KR 20090089428 A 20090821; PL 2082103 T3 20130531; PL 2570565 T3 20190531

DOCDB simple family (application)

**SE 2007050781 W 20071025**; CA 2669105 A 20071025; EP 07835365 A 20071025; EP 12196884 A 20071025; EP 18209535 A 20071025; KR 20097012416 A 20071025; PL 07835365 T 20071025; PL 12196884 T 20071025