

Title (en)  
LEVELER FOR TILES

Title (de)  
NIVELLIERER FÜR FLIESEN

Title (fr)  
NIVELEUR POUR TUILES

Publication  
**EP 3721027 B1 20230215 (EN)**

Application  
**EP 18842828 A 20181204**

Priority  
• IT 201700139892 A 20171205  
• IB 2018059628 W 20181204

Abstract (en)  
[origin: WO2019111150A1] The invention concerns a leveler (10) to make coplanar the faces of two adjacent tiles (P) without using pincers or other tools. The leveler (10) uses a disposable element (12) and a wedge (14) comprising a sawtooth formation thereon cooperating with a tongue on the disposable element, the wedge being adapted to be inserted in the disposable element so as to push down the tiles and make them coplanar.

IPC 8 full level  
**E04F 21/00** (2006.01); **E04F 13/08** (2006.01); **E04F 15/02** (2006.01); **E04F 21/18** (2006.01)

CPC (source: EP US)  
**E04F 13/0892** (2013.01 - EP); **E04F 15/02022** (2013.01 - EP); **E04F 21/0092** (2013.01 - EP); **E04F 21/1877** (2013.01 - EP);  
**E04F 21/22** (2013.01 - US)

Citation (examination)  
• TW M489191 U 20141101 - LI YONG-SHENG [TW]  
• WO 2018052331 A1 20180322 - JELIC ALEKSANDAR [RS]  
• US D760566 S 20160705 - BIEC EDMUND [CA]  
• WO 2011121476 A1 20111006 - RAIMONDI SPA [IT], et al  
• CN 204492129 U 20150722 - LI YONGSHENG  
• WO 2015161366 A1 20151029 - BIEC EDMUND [CA]  
• US 2014298736 A1 20141009 - BUNCH CLINTON D [US], et al  
• WO 2014195780 A1 20141211 - RAIMONDI SPA [IT]

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)  
**WO 2019111150 A1 20190613**; CA 3116162 A1 20190613; CN 111655951 A 20200911; CN 111655951 B 20221115; EP 3721027 A1 20201014; EP 3721027 B1 20230215; ES 2944932 T3 20230627; FI 3721027 T3 20230515; HU E062589 T2 20231128; PL 3721027 T3 20231009; PT 3721027 T 20230522; US 2021363765 A1 20211125

DOCDB simple family (application)  
**IB 2018059628 W 20181204**; CA 3116162 A 20181204; CN 201880078741 A 20181204; EP 18842828 A 20181204; ES 18842828 T 20181204; FI 18842828 T 20181204; HU E18842828 A 20181204; PL 18842828 T 20181204; PT 18842828 T 20181204; US 201816770365 A 20181204