

Title (en)
DEVICE FOR JOINING FLOOR TILES AND INSTALLATION METHOD THEREOF

Title (de)
VORRICHTUNG ZUM VERBINDEN VON BODENFLIESEN UND INSTALLATIONSVERFAHREN DAFÜR

Title (fr)
DISPOSITIF D'ASSEMBLAGE DE CARREAUX DE SOL ET PROCÉDÉ D'INSTALLATION CORRESPONDANT

Publication
EP 3346073 A1 20180711 (EN)

Application
EP 16840844 A 20160902

Priority
• CN 201510557770 A 20150902
• CN 2016097936 W 20160902

Abstract (en)
A device for joining floor tiles. The joining device comprises at least one joint unit (1). The joint unit (1) comprises an L-shaped frame (11) and a floor tile fixing plate (12). The L-shaped frame (11) is provided with block members (111) on upper surfaces of two vertical and horizontal arm portions thereof. The block members (111) are disposed to be intersected with each other. The L-shaped frame is provided with inner engaging slots (112) and outer engaging slots (113) at an inner side and outer side respectively on upper surfaces of the block members (111). The inner engaging slots (112) are engaged with inner engaging hooks (121) disposed on two adjacent edges at a bottom side of the floor tile fixing plate (12). The outer engaging slots (113) are engaged with outer engaging hooks on one edge at the bottom side of the floor tile fixing plate (12) of the adjacent joint unit (1). Also provided is an installation method of floor tiles.

IPC 8 full level
E04F 15/02 (2006.01)

CPC (source: EP US)
E04F 15/02022 (2013.01 - EP US); **E04F 15/0215** (2013.01 - EP US); **E04F 15/02194** (2013.01 - EP US); **E04F 15/08** (2013.01 - US); **E04F 15/087** (2013.01 - EP US); **E04F 2201/0138** (2013.01 - US); **E04F 2201/0146** (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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3346073 A1 20180711; **EP 3346073 A4 20190501**; CA 2994759 A1 20170309; CA 2994759 C 20181113; CN 105133816 A 20151209; CN 105133816 B 20171024; HK 1256879 A1 20191004; US 2019010710 A1 20190110; WO 2017036415 A1 20170309

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