

Title (en)  
DEVICE FOR INSTALLING TILES

Title (de)  
VORRICHTUNG ZUR INSTALLATION VON FLIESEN

Title (fr)  
DISPOSITIF POUR INSTALLER DES CARREAUX

Publication  
**EP 3318697 A1 20180509 (EN)**

Application  
**EP 16196881 A 20161102**

Priority  
EP 16196881 A 20161102

Abstract (en)  
A two part device (1000) is used in leveling and spacing tiles (4100). The device includes two parts, a rotatable portion called a knob-cam (2000) and a fixed portion called hook-base (3000). The hook-base includes ribs (3220) for spacing and separating tiles, and a neck portion (3140) extending through a slot opening in the knob-cam. In use, the hook-base portion is set down and tiles are laid down and spaced by the ribs of the base portion. The neck portion extends upwardly above the tiles, and is adapted to be broken away upon application of sufficient upward force or sideways force. The knob-cam includes two diametral opposed frontal action cam surfaces (2100) that engage portions (3110) of the hook when the knob-cam is rotated. The knob-cam is rotated until the tiles are secured between the knob-cam and the hook-base. This device clamps the corners or edges of the tiles, making coplanar upper surfaces.

IPC 8 full level  
**E04F 21/00** (2006.01)

CPC (source: EP)  
**E04F 21/0092** (2013.01)

Citation (search report)  
• [A] US 2014033641 A1 20140206 - TREVISI FRANCO [IT]  
• [A] EP 2762658 A1 20140806 - DAKOTA GROUP S A S DI ZENO CIPRIANI & C [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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3318697 A1 20180509; EP 3318697 B1 20190911**; ES 2761841 T3 20200521; HU E047702 T2 20200528

DOCDB simple family (application)  
**EP 16196881 A 20161102**; ES 16196881 T 20161102; HU E16196881 A 20161102