

Title (en)
PANELS COMPRISING INTERLOCKING SNAP-IN PROFILES

Title (de)
PLATTEN MIT EINSCHIEBE-STECKPROFIL

Title (fr)
PLAQUES A PROFILE ENFICHABLE

Publication
EP 1639215 A1 20060329 (DE)

Application
EP 04741874 A 20040623

Priority
• EP 2004051214 W 20040623
• DE 20310178 U 20030702

Abstract (en)
[origin: WO2005003489A1] The invention relates to locking elements that are designed in such a manner that they can adopt an initial position into which the boards are brought by especially lowering them in an exclusively vertical manner. A terminal position is achieved by especially subsequently displacing the panels along the common joint. In this position, the two panels can be interlocked in a manner perpendicular to the panel surface and parallel to the panel surface and at the same time perpendicular to the common connecting joint.

IPC 1-7
E04F 15/04; **E04F 15/02**

IPC 8 full level
E04F 15/02 (2006.01); **E04F 15/04** (2006.01)

CPC (source: EP US)
E04F 15/02 (2013.01 - EP US); **E04F 15/04** (2013.01 - EP US); **E04F 2201/0123** (2013.01 - EP US); **E04F 2201/0138** (2013.01 - EP US)

Citation (search report)
See references of WO 2005003489A1

Cited by
WO2013092270A1; EA027624B1; DE102011110071A1; DE102011110071B4; DE102011121348A1; US9228360B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2005003489 A1 20050113; AT E513098 T1 20110715; CA 2526698 A1 20050113; CA 2526698 C 20120508; DK 1639215 T3 20110801; EP 1639215 A1 20060329; EP 1639215 B1 20110615; ES 2367634 T3 20111107; PL 1639215 T3 20111130; PT 1639215 E 20110725; SI 1639215 T1 20111130; US 2006156670 A1 20060720; US 7600354 B2 20091013

DOCDB simple family (application)
EP 2004051214 W 20040623; AT 04741874 T 20040623; CA 2526698 A 20040623; DK 04741874 T 20040623; EP 04741874 A 20040623; ES 04741874 T 20040623; PL 04741874 T 20040623; PT 04741874 T 20040623; SI 200431706 T 20040623; US 56110605 A 20051216