

Title (en)
FLOOR ELEMENT

Title (de)
FUSSBODENELEMENT

Title (fr)
ELEMENT DE PLANCHER

Publication
EP 1476616 B1 20100915 (EN)

Application
EP 03702229 A 20030214

Priority
• BE 0300026 W 20030214
• BE 200200095 A 20020214

Abstract (en)
[origin: US2005166512A1] A floor element, in particular a wooden floor element, comprising a top and a bottom surface as well as a first and a second lateral side, said first side being provided with a tooth integrally formed with said floor element, said second side being provided with a groove, said tooth and said groove extend substantially over a whole length of lateral sides and are dimensioned in such a manner, that for adjacently placed floor elements the tooth of the one floor element and the groove of the other floor element mutually engage for providing a toothed engagement, and wherein said tooth starts from said top surface and is inclined over an angle situated between 20 and 70°, preferably between 35 and 55° with respect to said top surface, said tooth having a length measured as from said top surface of at least one third of the thickness of said floor element.

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

CPC (source: EP US)
E04F 15/02 (2013.01 - EP US); **E04F 15/04** (2013.01 - EP US); **E04F 2201/0138** (2013.01 - EP US); **E04F 2201/023** (2013.01 - EP US);
E04F 2201/025 (2013.01 - EP US); **E04F 2201/027** (2013.01 - EP US)

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 PT SE SI SK TR

DOCDB simple family (publication)
US 2005166512 A1 20050804; AT E481538 T1 20101015; AU 2003205459 A1 20030904; BE 1014640 A6 20040203; CA 2476391 A1 20030821;
CN 100346044 C 20071031; CN 1633538 A 20050629; DE 60334191 D1 20101028; EP 1476616 A1 20041117; EP 1476616 B1 20100915;
HK 1078627 A1 20060317; JP 2005517837 A 20050616; NO 20043627 L 20041013; PL 370150 A1 20050516; WO 03069093 A1 20030821

DOCDB simple family (application)
US 50457105 A 20050218; AT 03702229 T 20030214; AU 2003205459 A 20030214; BE 0300026 W 20030214; BE 200200095 A 20020214;
CA 2476391 A 20030214; CN 03803927 A 20030214; DE 60334191 T 20030214; EP 03702229 A 20030214; HK 05104137 A 20050517;
JP 2003568190 A 20030214; NO 20043627 A 20040831; PL 37015003 A 20030214