

Title (en)
FLOOR MEMBER WITH FOAM CORE

Title (de)
BODENELEMENT MIT SCHAUMSTOFFKERN

Title (fr)
ÉLÉMENT DE PLANCHER À NOYAU EN MOUSSE

Publication
EP 3141674 A1 20170315 (EN)

Application
EP 15193421 A 20151106

Priority
US 201514846407 A 20150904

Abstract (en)
The floor member has a closed-cell foam core that constitutes approximately 50% of the overall thickness of the floor member. All constituents of the floor member, including a design layer, wear layer and resilient foam plastic underlayer, are highly water resistant and essentially water repellant. The closed-cell foam core is relatively lightweight and the floor member is also relatively lightweight compared to equally dimensioned floor planks formed exclusively of solid laminated plastic materials or wood-based laminated materials. The floor member has edge connecting means for convenient floating floor installation without the need to adhere the floor member to a floor base. The floor member is also easy to handle to permit a do-it-yourselfer to install a floor covering with the floor member.

IPC 8 full level
E04F 13/08 (2006.01); **E04F 13/18** (2006.01); **E04F 15/10** (2006.01)

CPC (source: EP)
E04F 15/02033 (2013.01); **E04F 15/105** (2013.01); **E04F 15/107** (2013.01); **E04F 2201/0138** (2013.01); **E04F 2201/0161** (2013.01); **E04F 2201/026** (2013.01); **E04F 2203/065** (2013.01); **E04F 2203/08** (2013.01)

Citation (applicant)
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• US 7458 A 18500625
• US 191 A 18370508
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Citation (search report)
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• [Y] US 2014329062 A1 20141106 - SONG JINCHENG [CN]
• [Y] WO 2011001326 A2 20110106 - FLOORING IND LTD SARL [LU], et al
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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)
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DOCDB simple family (application)
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