

Title (en)
Floor mat

Title (de)
Fußmatte

Title (fr)
Tapis de sol

Publication
EP 2606810 A1 20130626 (EN)

Application
EP 11405369 A 20111219

Priority
EP 11405369 A 20111219

Abstract (en)
Rails (1) are arranged side by side and neighbouring rails (1) connected by connecting profiles (7a, 7b) which each comprise two parallel coupling rods (11) accommodated in coupling grooves (10) and connected through narrower coupling slots connecting the coupling grooves (10) to lateral faces of the rails (1). The cross section of a coupling slot is essentially a sector with an opening angle slightly greater than 180°. Its lateral extension is 1.5 times the radius of the sector or less. The cross sections of the coupling rods are also sectors. The opening angle can be essentially the same as the opening angle of the coupling groove (10) and the coupling rods (11) connected to each other directly, the connecting profile (7a) establishing a rigid connection between the neighbouring rails (1) or the opening angle of the cross section of the coupling rods (11) can be smaller than the opening angle of the cross section of the coupling groove (10) and the coupling rods connected by a web, allowing a rotation of the rails (1) with respect to the connecting profile (7b) which makes it possible to roll up the floor mat. The connecting profiles (7a, 7b) can be fixed by fixing clips (12a; 12b) retained in the coupling grooves (10) by friction.

IPC 8 full level
A47L 23/26 (2006.01)

CPC (source: EP)
A47L 23/26 (2013.01)

Citation (applicant)
• DE 4406093 A1 19950907 - AKLASS HAUSTECHNIK GMBH [DE]
• US RE32061 E 19860107
• AT 9 U1 19940926 - SCHEYBAL CORNELIUS [AT]
• US 5157804 A 19921027 - WILLIAMS HOWARD [US]
• DE 3124529 A1 19830105 - HEINRICH KAMPMANN KG [DE]

Citation (search report)
• [AD] DE 4406093 A1 19950907 - AKLASS HAUSTECHNIK GMBH [DE]
• [A] EP 1884182 A2 20080206 - BONAR FLOORS LTD [GB]
• [AD] US RE32061 E 19860107
• [A] DE 102009048193 A1 20110421 - GEGGUS EMS GMBH [DE]

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

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