

Title (en)
Floor panel

Title (de)
Bodenpaneel

Title (fr)
Panneau de plancher

Publication
EP 2072713 A1 20090624 (EN)

Application
EP 07150259 A 20071220

Priority
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Abstract (en)

The invention relates to floor panel (1a,1b), comprising a tongue (6) extending along a first edge and comprising an upper and lower surface and a groove (8) extending along a second edge, opposite the first edge and comprising an upper and lower surface, wherein the tongue comprises a protrusion (14) at its upper surface, wherein the groove comprises a cavity (11) in its upper surface, wherein the groove of a first panel is adapted to receive the tongue of a second panel wherein the protrusion of the tongue of the second panel and the cavity of the groove in the first panel counteract and prevent horizontal separation in a direction transversal to a plane parallel to the edges of the first and second panels, wherein the upper (9) and the lower surface (10) of the groove extend at least partially in a downward direction from the second edge to its distal end.

IPC 8 full level
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Citation (applicant)

- US 6769218 B2 20040803 - PERVAN DARKO [SE]
- US 2002112433 A1 20020822 - PERVAN DARKO [SE]

Citation (search report)

- [XY] WO 2006131160 A1 20061214 - DAMMERS DIRK [DE]
- [X] DE 3041781 A1 19820624 - TERBRACK KUNSTSTOFF GMBH & CO [DE]
- [X] WO 0201018 A1 20020103 - HW IND GMBH & CO KG [DE], et al
- [Y] JP H07180333 A 19950718 - MISAWA HOMES CO
- [YX] WO 0145915 A1 20010628 - POLYMER SHEET APPLIC INC [CA], et al
- [X] US 2007044416 A1 20070301 - VAN DIJK DIRK [GB]
- [A] WO 2007012137 A1 20070201 - GRANDBAY HOLDINGS PTY LTD [AU], et al
- [DA] US 2002112433 A1 20020822 - PERVAN DARKO [SE]

Cited by
NL2032733B1; EP2628412A1; WO2024033230A1

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