

Title (en)
PANELLING SYSTEM AND CONNECTOR

Title (de)
VERKLEIDUNGSSYSTEM UND VERBINDER

Title (fr)
SYSTÈME DE PANNEAUTAGE ET CONNECTEUR

Publication
EP 4290031 A1 20231213 (EN)

Application
EP 22178148 A 20220609

Priority
EP 22178148 A 20220609

Abstract (en)
A planar panelling arrangement comprising: a plurality of elongate supports aligned in parallel with each other, each support being a single integral component comprising, on one face of the support, a central channel aligned parallel to the longitudinal axis of the support, the central channel having a longitudinal aperture which is narrower than the width of the inner walls of the channel; a plurality of connectors, each connector comprising a first portion and a second portion; a plurality of panels configured to be arranged to collectively form a planar surface, the sides of each panel comprising a side groove; wherein the first portion of the connector is configured to clip securely into the channel of the support, the second portion of the connector comprises at least one lateral flange configured to be inserted into the side groove of a panel.

IPC 8 full level
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Citation (search report)
• [XY] DE 102016000829 A1 20170727 - BLAUFORM GMBH [DE]
• [XY] US 2020408230 A1 20201231 - GETSIV STEPHEN [US]
• [Y] FR 3072700 A1 20190426 - T M P CONVERT JOU PLAST [FR]
• [Y] FR 3078086 A1 20190823 - ARCH DU BOIS [FR]
• [Y] DE 10254791 A1 20040603 - TREIBER HARTMUT [DE]

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Designated extension state (EPC)
BA ME

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KH MA MD TN

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PL 131502 U1 20240226

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