

Title (en)
MECHANICAL CONNECTION OF PANELS

Title (de)
MECHANISCHE VERBINDUNG VON PANEELN

Title (fr)
LIAISON MECANIQUE DE PANNEAUX

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Application
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Abstract (en)
[origin: US2001034992A1] The invention relates to a panel connection, particularly for flooring panels, having a groove (34) that is embodied at a side edge (3); a spring (32) that is embodied at a side edge (4); a depression (35) that is embodied in the groove (34) and has an interlocking surface (16); an interlocking element (33) that is embodied at the spring (32) and has an interlocking surface (27); and fitting surfaces (12, 22), which are embodied in the groove (34) and at the spring (32) and serve as abutments for the interlocking surfaces (17, 27). The properties of interlocking and orientation stability are improved in that the groove (34) has fitting surfaces (14, 15), which extend parallel to the top side (5), in the region of the groove bottom (7), and the spring (32) has fitting surfaces (24, 25), which extend parallel to the top side (9), in the region of the end surface (8), with the fitting surfaces (14, 24; 15, 25) resting against one another in the interlocked state of the connection.

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