

Title (en)
GROOVE AND TONGUE CONNECTION BETWEEN WALL OR ROOF ELEMENTS

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Application
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Abstract (en)
[origin: EP0345416A1] The invention concerns a groove and spring connection of wall or roof elements (10, 11), said elements having smooth or profiled surfaces and consisting of two protective metallic layers (12) maintained at a distance apart by a foam core, said connection comprising horizontal or vertical connection faces of the elements, a fastening clamp (21) located in a connection joint between two elements, and a branch (25) which can be screwed to the later inner face of the elements. The protective metallic layer which forms the later outer face constitutes a spring (13) on one connecting front face of the element. At the subsequent inner face of this front face is an indentation (16) which serves as a groove. The second, opposite front face of the element has an indentation (20) on the outer side and a spring (18) on the inner side. The indentation (16) on the inner side is longer than the spring (18) on the inner side. The gap formed when the groove and spring connection is assembled is filled by the screwable branch (25) and the fastening screw (26) of the fastening clamp (21) and the fastening clamp (21) runs in a manner known per se into the gap at the joint and grips at least the inner spring (15).

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