

Title (en)
BEARING STRUCTURE FOR FACADE ELEMENTS

Title (de)
TRAGSTRUKTUR FÜR FASSADENELEMENTE

Title (fr)
STRUCTURE PORTEUSE POUR ÉLÉMENTS DE FAÇADE

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Application
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Abstract (en)
[origin: WO2018126329A1] The invention relates to a bearing structure for facade elements (4) of a building façade. Said structure comprises a bearing transom (1, 20) consisting of a profiled metal material, and a bearing element (22) for bearing a facade element (4). The bearing element (22) is fastened to a profiled fastening portion (9) of the bearing transom (1, 20). A seal (21) extends over the entire boundary region formed between the profiled fastening portion (9) and the bearing element (22). In the lower region of this boundary region, the bearing element (22) is supported at a plurality of points on the profiled fastening portion (9) of the bearing transom (1, 20) via supporting elements (25) which penetrate through the seal (21). By virtue of the configuration according to the invention, the bearing element (22) is supported in the lower region of its boundary not on the seal (21) but directly on the profiled fastening portion (9) of the bearing transom (1, 20), which leads to a high degree of stiffness in the bearing load direction. This affords the advantage that the bearing elements (22) do not incline downwardly under usual bearing loads or that very high bearing loads can be achieved for each bearing element (22) while maintaining acceptable inclinations.

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Citation (search report)
See references of WO 2018126329A1

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