

Title (en)

Device for the insulation and sealing of building facades comprising joints

Title (de)

Anordnung zum Dämmen und Dichten von Fugen aufweisenden Bauwerksfassaden

Title (fr)

Dispositif pour isoler et étanchéifier les façades de bâtiments comportants des joints

Publication

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Application

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Abstract (en)

[origin: EP0520152A1] The invention relates to an arrangement for the, in particular renewed, insulation and sealing of building facades comprising joints, having an insulating/covering layer structure (1), which comprises an outer, water-impermeable covering layer (2) and at least one inner insulating layer (3), which adjoins the covering layer (2) and the building facades. Aiming at efficient renewal, freedom from maintenance and long-term water tightness, this arrangement is designed according to the invention in such a way that the insulating/covering layer structure (1) spans the joints (4) of the building throughout. In order to avoid damage to the insulating/covering layer structure (1), and in particular to the outer covering layer (2) ensuring the water tightness, it is further envisaged according to the invention to construct the insulating/covering layer structure (1) such that it is able to distribute and absorb deformations occurring in the region of the joints (4) of the building without any risk of damage to the structure. According to the invention, this design is realised in various ways, to be precise for example by a bond-free region (6) of the insulating layer (3) with respect to the facade in the direct vicinity of the joints (4) of the building. As an alternative to this, the insulating layer (3) is bonded to the facade base surface (5) in a readily shearing manner in this region (6). A further alternative is to use an insulating board (3) having a readily shearing structure. A further variant envisages an extensible design of the covering layer (2) of the insulating/covering layer structure (1). <IMAGE>

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