

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
EP 0626487 B1 19990107 (DE)

Application
EP 94111312 A 19920416

Priority
• DE 4121457 A 19910628
• EP 92106684 A 19920416

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>

IPC 1-7
E04F 13/04; **E04B 1/76**

IPC 8 full level
E04B 1/76 (2006.01); **E04F 13/04** (2006.01)

CPC (source: EP)
E04B 1/762 (2013.01); **E04F 13/04** (2013.01)

Cited by
FR2894605A1

Designated contracting state (EPC)
AT BE CH DE DK FR LI LU SE

DOCDB simple family (publication)
EP 0520152 A1 19921230; **EP 0520152 B1 19950628**; AT E124490 T1 19950715; AT E175463 T1 19990115; DE 4121457 A1 19930114; DE 4121457 C2 19970213; DE 59202674 D1 19950803; DE 59209610 D1 19990218; DK 0520152 T3 19950911; EP 0626487 A2 19941130; EP 0626487 A3 19950419; EP 0626487 B1 19990107

DOCDB simple family (application)
EP 92106684 A 19920416; AT 92106684 T 19920416; AT 94111312 T 19920416; DE 4121457 A 19910628; DE 59202674 T 19920416; DE 59209610 T 19920416; DK 92106684 T 19920416; EP 94111312 A 19920416