

Title (en)

STRUCTURAL ELEMENT FOR THE HEAT BRIDGING FIXING OF A PROJECTING OUTER PART TO A BUILDING ENVELOPE

Title (de)

BAUELEMENT ZUR WÄRMEBRÜCKENARMEN ANBINDUNG EINES VORKRAGENDEN AUSSENTEILS AN EINE GEBÄUDEHÜLLE

Title (fr)

COMPOSANT PERMETTANT LE RACCORDEMENT À PONT THERMIQUE FAIBLE D'UNE PARTIE EXTÉRIEURE EN SAILLIE À UNE ENVELOPPE DE BÂTIMENT

Publication

EP 3656938 B1 20210120 (DE)

Application

EP 19201063 A 20191002

Priority

DE 102018129207 A 20181120

Abstract (en)

[origin: CA3059858A1] Proposed is a construction element (1) for connecting in a low thermally-bridging manner a protruding external part (B) to a building shell (A), having a least one insulation member (2) that is to be disposed between the protruding external part (B) and the building shell (A) and at least one integrally configured reinforcement element (3) from fiber-reinforced plastics material in the form of at least one tensile reinforcement element, said reinforcement element (3) traversing the insulation member (2) in a manner that is substantially horizontal and transverse to the horizontal longitudinal extent of said insulation member (2) and being connectable to the external part (A) and the building shell (B), wherein the reinforcement element (3) has a central portion (4) which extends through the insulation member (2) and projects in relation to the insulation member (2), and at least in said projecting region on the radial external face of the said reinforcement element (3) either is configured so as to be substantially smooth-walled, or at least in part has a casing (7), and in a region outside the insulation member (2) has at least one first anchoring portion (5) which on the radial external face thereof has a first surface profile. In the case of this construction element (1) it is relevant that the reinforcement element (3) between the central portion (4) and the first anchoring portion (5) has a second anchoring portion (6) which has a second surface profile, wherein the first surface profile and the second surface profile differ in terms of the geometric and/or material properties thereof.

IPC 8 full level

E04B 1/00 (2006.01); **E04C 5/07** (2006.01)

CPC (source: EP US)

E04B 1/0038 (2013.01 - EP); **E04B 1/41** (2013.01 - US); **E04C 5/07** (2013.01 - EP US)

Cited by

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DOCDB simple family (publication)

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DOCDB simple family (application)

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