Title (en)

STRUCTURAL ELEMENT FOR HEAT INSULATION

Title (de)

BAUELEMENT ZUR WÄRMEDÄMMUNG

Title (fr)

ÉLEMENT DE CONSTRUCTION DESTINE A L'ISOLATION THERMIQUE

Publication

EP 3272957 B1 20191113 (DE)

Application

EP 17181699 A 20170717

Priority

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Abstract (en)

[origin: CA2974187A1] An element for thermal insulation between two building parts, particularly between a building (A) and a protruding exterior part (B), comprising an insulating body (2) to be arranged between the two building parts and reinforcement elements in the form of at least tensile elements (3), extending in an installed state of the element (10) essentially horizontally and perpendicular to an essentially horizontal extension of the insulating body through said body, and respectively projecting in the horizontal direction from the insulating body and here allowing a connection to one of the two building parts preferably made from concrete. Here the tensile reinforcement elements (3) are formed as multi-part composite elements such that at least in the proximity of the insulating body (2) they have a central rod section (3a) made from fiber-reinforced synthetic material and have a separate anchoring rod section (3b) in an area outside the insulating body (2) with geometric and/or material characteristics at least partially deviating from the central rod section (3a), with the anchoring rod section (3b) and the central rod section being arranged at least essentially aligned to each other and at least indirectly fixed to each other, and with the anchoring rod section (3b) cooperating with an interior anchoring element for fixing at the central rod section (3a), which interior anchoring element engages a radially interior area of the central rod section. The central rod section (3a) comprises on its radial exterior an annular radial support element and/or a radial support area (3ab) with fibers (30 extending at least partially in the circumferential direction of the central rod section (3a), with the interior anchoring section (3v) and the radial support area (3ab) at least partially overlapping each other.

IPC 8 full level

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CPC (source: EP US)

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