

Title (en)

DEVICE FOR THE SUBSEQUENT THERMAL INSULATION, FORCE-TRANSMITTING CONNECTION OF A SECOND LOAD-BEARING BUILDING ELEMENT TO A FIRST LOAD-BEARING CONSTRUCTION ELEMENT AND CONSTRUCTION WITH SUCH A DEVICE

Title (de)

EINRICHTUNG ZUR NACHTRÄGLICHEN THERMISCH ISOLIERENDEN, KRAFTÜBERTRAGENDEN ANBINDUNG EINES ZWEITEN LASTAUFNEHMENDEN BAUWERKSTEILS AN EIN ERSTES LASTAUFNEHMENDES BAUWERKSTEIL UND BAUWERK MIT EINER SOLCHEN EINRICHTUNG

Title (fr)

DISPOSITIF DE RACCORDEMENT ULTÉRIEUR À ISOLATION THERMIQUE ET À TRANSFERT DE FORCE D'UNE SECONDE PARTIE D'OUVRAGE SUPPORTANT LA CHARGE À UNE PREMIÈRE PARTIE D'OUVRAGE SUPPORTANT LA CHARGE ET OUVRAGE DOTÉ D'UN TEL DISPOSITIF

Publication

EP 4036338 B1 20230607 (DE)

Application

EP 21210372 A 20211125

Priority

DE 202021000466 U 20210201

Abstract (en)

[origin: CN114837307A] A device for an additional thermally insulating force-transmitting connection of a load-bearing second building part to a load-bearing first building part has an insulator and tension-transmitting means, pressure-transmitting means and shear-transmitting means. The insulator has a first longitudinal side and an opposing second longitudinal side. The pressure transmission means comprises a contact surface which is accessible from the second longitudinal side for receiving a horizontal pressure of the second building part and at least one pressure element which extends at least up to the first longitudinal side and is connected to the contact surface in a force-transmitting manner. The shear force transmission means comprises a support surface accessible from the second longitudinal side for receiving a vertically directed force of the second building part and at least one shear force rod connected to the support surface in a force-transmitting manner. The first leg and the second leg of the support angle iron are connected via at least one side wall arranged transversely to the longitudinal direction, and wherein the shear bar has an inclined section running obliquely to the height direction. The at least one shear bar is fastened directly to the side wall with an obliquely extending section thereof.

IPC 8 full level

E04B 1/00 (2006.01)

CPC (source: CN EP US)

E04B 1/0038 (2013.01 - EP US); **E04B 1/38** (2013.01 - CN); **E04B 1/76** (2013.01 - US); **E04B 1/92** (2013.01 - CN); **E04B 5/00** (2013.01 - CN)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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