

Title (en)

Building part as a connecting element between two construction parts

Title (de)

Bauteil als Verbindungselement zwischen zwei Gebäudeteilen

Title (fr)

Pièce de construction comme élément de connection entre deux parties de bâtiment

Publication

EP 1072729 B1 20040609 (DE)

Application

EP 00810546 A 20000622

Priority

CH 139099 A 19990727

Abstract (en)

[origin: EP1072729A1] The structural part (1) connects between two building parts separated from each other by an insulation layer (19) of specific thickness (d). It comprises at least one reinforcement iron forming a loop (2,3) and consisting of a bent area (4) and two parallel running legs (5,6) held together by first and second plates (7,8). The plates are vertical to the legs and arranged in a central area of them. Between the plates an insulation component (14) is inserted, which has a thickness corresponding to that of the insulation layer (d). The area of the at least one loop extending out of the insulation component (14) and over the first plate (7) is enclosed in a first layer (17). The surface of the first plate facing the bent area of the at least one loop is covered with a second layer (18). The first and second layers are of heat and step noise-insulating material.

IPC 1-7

E04B 1/00

IPC 8 full level

E04B 1/00 (2006.01); **E04B 1/82** (2006.01)

CPC (source: EP)

E04B 1/0038 (2013.01); **E04B 2001/8254** (2013.01)

Cited by

EP1528169A1; DE102013100357A1; CH699960A1; FR2948135A1; EP2130984A3; DE102013100356A1; GB2576624A; GB2576624B; WO2020157000A1; EP4245934A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1072729 A1 20010131; **EP 1072729 B1 20040609**; AT E268843 T1 20040615; DE 50006727 D1 20040715; DK 1072729 T3 20041018

DOCDB simple family (application)

EP 00810546 A 20000622; AT 00810546 T 20000622; DE 50006727 T 20000622; DK 00810546 T 20000622