

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

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