

Title (en)

Device for the combined taking up of compression and tension forces

Title (de)

Vorrichtung zur gemeinsamen Aufnahme von Druck- und Querkräften

Title (fr)

Dispositif de reprise conjointe des efforts de traction et de compression

Publication

EP 0826846 B1 20050427 (DE)

Application

EP 97114442 A 19970821

Priority

DE 29615018 U 19960829

Abstract (en)

[origin: EP0826846A2] The beam accommodates compression or shear forces in a building structure. The building structure is interrupted by a gap or is connected to another building structure, e.g. in balcony structures separated from internal structures by thermal insulation. Preferably a cantilevered panel (1) is connected to a structure (2), e.g. of reinforced concrete, by a compression plate (4) having supporting face components normal to shear and compression forces. The plate is inclined to the shear force direction. It can be angled, having a steep lower portion and a flat upper portion, and may be toothed and or have a rough, profiled surface.

IPC 1-7

E04C 5/16; E04B 1/00

IPC 8 full level

E04B 1/00 (2006.01); **E04C 5/01** (2006.01); **E04C 5/06** (2006.01); **E04C 5/16** (2006.01)

CPC (source: EP)

E04B 1/0038 (2013.01); **E04C 5/01** (2013.01); **E04C 5/0645** (2013.01); **E04C 5/16** (2013.01)

Cited by

EP1600569A3; US8509967B2

Designated contracting state (EPC)

AT BE CH DE ES FR GB LI NL

DOCDB simple family (publication)

EP 0826846 A2 19980304; **EP 0826846 A3 19990421**; **EP 0826846 B1 20050427**; AT E294297 T1 20050515; DE 29615018 U1 19961205; DE 59710945 D1 20031211

DOCDB simple family (application)

EP 97114442 A 19970821; AT 97114442 T 19970821; DE 29615018 U 19960829; DE 59710945 T 19970821