Title (en)

COMPOSITE SUPPORT ELEMENT

Publication

EP 0433224 B1 19930428 (DE)

Application

EP 90810917 A 19901127

Priority

CH 433489 A 19891204

Abstract (en)

[origin: EP0433224A1] In a composite beam for use in the building and construction industry, a bending load is carried by two superposed individual elements (1, 2). In this case, the individual element (2), composed of concrete for example, has the function of taking up the compressive forces, whereas the opposite individual element (1) has the function of taking up the tensile forces. Shear forces have to be transmitted between both individual elements. The envisaged transmission means permit a prestressed, positive connection. The transmission means are equipped with toothing (7) and a clamping element (15).

IPC 1-7

E04B 5/23

IPC 8 full level

E04B 5/23 (2006.01)

CPC (source: EP US)

E04B 5/23 (2013.01 - EP US); E04B 2005/237 (2013.01 - EP US)

Cited by

FR2780427A1; DE19715843B4; DE102004001638A1; EP1808538A3; EP4339387A1; EP1555098A2; WO9411589A1; US8590239B2; WO9621778A1; WO2007079739A3

Designated contracting state (EPC)

AT DE FR IT SE

DOCDB simple family (publication)

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DOCDB simple family (application)

EP 90810917 A 19901127; AT 90810917 T 19901127; CA 2031447 A 19901204; CH 433489 A 19891204; DE 59001310 T 19901127; FI 905881 A 19901129; US 62322690 A 19901204