

Title (en)
CONNECTING ELEMENT FOR WOOD-CONCRETE COMPOSITE STRUCTURE

Title (de)
VERBUNDELEMENT FÜR HOLZ-BETON-VERBUNDTRAGWERKE

Title (fr)
ELEMENT D'ASSEMBLAGE POUR STRUCTURE COMBINÉE BOIS-BETON

Publication
EP 0832336 B1 20021009 (DE)

Application
EP 96900015 A 19960110

Priority
• CH 6895 A 19950111
• IB 9600017 W 19960110

Abstract (en)
[origin: WO9621778A1] The invention concerns a novel solution to the problem of providing a connection in wood-concrete composite structures. Wood-concrete connecting elements of this type can be used in the construction of new buildings or the renovation of old ones, and in bridge building. The novelty of the connecting element lies in the principle of the transmission of shearing forces between the wood (4) and concrete (5). The shearing forces are transmitted by a larger rod-shaped connecting element (1) via a plate (3) to a number of smaller rod-shaped connecting elements (2).

IPC 1-7
E04B 5/23; **E04B 1/48**

IPC 8 full level
E04B 1/48 (2006.01); **E04B 5/23** (2006.01)

CPC (source: EP)
E04B 1/48 (2013.01); **E04B 5/23** (2013.01); **E04B 2005/237** (2013.01)

Citation (examination)
• CH 683358 A5 19940228 - EMIL PETER
• Essais et publications sur les constructions mixtes bois-beton (07.10.94)
• Holz-Beton Verbundkonstruktionen (Zeitschrift holzbau, 23.08.94, Seiten 30-33)
• Holz-Beton-Verbunddecke mit einer neuartigen Fugenausbildung (Zeitschrift bauen mit holz, 4/92, Seiten 312-324)

Cited by
EP2264257A3; US10156068B2

Designated contracting state (EPC)
AT CH DE FR IT LI

DOCDB simple family (publication)
WO 9621778 A1 19960718; AT E225886 T1 20021015; AU 4272396 A 19960731; DE 59609785 D1 20021114; EP 0832336 A1 19980401; EP 0832336 B1 20021009

DOCDB simple family (application)
IB 9600017 W 19960110; AT 96900015 T 19960110; AU 4272396 A 19960110; DE 59609785 T 19960110; EP 96900015 A 19960110