

Title (en)

Connection element for wood compound, wood compound and method for production of same

Title (de)

Verbindungselement für den Holzverbund, Holzverbund und Verfahren zu seiner Herstellung

Title (fr)

Élément de connexion pour le composite de bois, composite de bois et son procédé de fabrication

Publication

EP 2216455 A3 20110622 (DE)

Application

EP 10152505 A 20100203

Priority

DE 102009008720 A 20090206

Abstract (en)

[origin: EP2216455A2] The element has a sheet element made of metal and/or plastic and comprising a hole, where surrounding of the connection element forms a bearing surface for a lower side of a head of a pin-like fastening element e.g. screw or nail. A pin (6) of the sheet element comprises a cylindrical section (9) with a diameter larger than the hole, and another section (7) with a diameter smaller than the hole. The pin is detachably inserted into the hole of the sheet element. A fixing device fixes the pin against the sheet element in an aligned position. An independent claim is also included for a method for producing a wood-concrete composite.

IPC 8 full level

E04B 5/12 (2006.01); **E04B 1/48** (2006.01)

CPC (source: EP)

E04B 1/48 (2013.01); **E04B 5/12** (2013.01); **E04B 5/23** (2013.01); **E04B 2005/237** (2013.01)

Citation (search report)

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- [X] DE 102006043209 A1 20080313 - COM ING AG [CH]
- [A] DE 19602400 A1 19970731 - WIELAND HEINZ [CH]
- [A] DE 10341401 A1 20050331 - WIELAND HEINZ [CH]
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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

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DOCDB simple family (application)

EP 10152505 A 20100203; DE 102009008720 A 20090206; DK 10152505 T 20100203; PL 10152505 T 20100203