

Title (en)
Wood-concrete composite structure

Title (de)
Holz-Beton-Verbundtragwerk

Title (fr)
Structure porteuse composite en bois et béton

Publication
EP 1947254 A3 20120627 (DE)

Application
EP 08000425 A 20080110

Priority
DE 102007002784 A 20070118

Abstract (en)
[origin: EP1947254A2] The structure (4) has a brickwork (2) and a laminar concrete plate (6) that is engaged with lateral areas in the brickwork in a form- and force-fitting manner. A beam bundle (18) includes a lateral extension and is arranged in the concrete plate. A screw (14) is screwed into a wooden beam (10) in a perpendicular orientation at a perforation position by the beam bundle. The brickwork adjusts the engagement of the lateral areas of the concrete plate with a groove-like fillet indentation.

IPC 8 full level
E04B 5/12 (2006.01); **E04B 5/16** (2006.01); **E04B 5/23** (2006.01)

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

Citation (search report)
• [X] DE 19602400 A1 19970731 - WIELAND HEINZ [CH]
• [A] EP 1512875 A1 20050309 - WIELAND HEINZ DIPL BAUING [CH]
• [X] "Holz Beton Verbund - Das einfache", 2006, Seewis, CH, pages 1 - 12, XP055027129, Retrieved from the Internet <URL:http://www.com-ing.com/Holz-Beton_Verbund/Beratung/TCC_Integral.pdf> [retrieved on 20120514]

Cited by
ES2582252A1; CZ304080B6; CN113187139A; EP3546666A1; ES2612579A1; CN110565860A; WO2017212087A1

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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
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