

Title (en)
COMPOSITE BEAM STRUCTURE

Title (de)
ZUSAMMENGESETZTE BALKENSTRUKTUR

Title (fr)
STRUCTURE DE POUTRE COMPOSITE

Publication
EP 2145058 A1 20100120 (EN)

Application
EP 08761649 A 20080508

Priority
• FI 2008050253 W 20080508
• FI 20070384 A 20070516

Abstract (en)
[origin: WO2008139029A1] A composite beam structure used in the construction industry, in which one or more slab-like pieces (2) and a beam (3) are connected together, advantageously with a casting (4), and which composite beam structure includes at least one beam, such as a steel beam, on top of which is fastened one or more dowel pieces (4), and in which the length of the dowel pieces fastened in the beam is at least threefold in relation to the width of the upper surface of the dowel pieces, and the dowel piece is able to transfer forces in the connection between concrete and steel both in the vertical and longitudinal direction of the beam.

IPC 8 full level
E04B 5/29 (2006.01); **E04C 3/293** (2006.01)

CPC (source: EP FI)
E04B 5/29 (2013.01 - EP FI); **E04C 3/293** (2013.01 - EP FI); **E04C 3/294** (2013.01 - EP)

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)
WO 2008139029 A1 20081120; EP 2145058 A1 20100120; EP 2145058 A4 20121128; FI 20070384 A0 20070516; FI 20070384 A 20081117; RU 2423585 C1 20110710

DOCDB simple family (application)
FI 2008050253 W 20080508; EP 08761649 A 20080508; FI 20070384 A 20070516; RU 2009146561 A 20080508