

Title (en)  
COMPOSITE BEAM STRUCTURE

Title (de)  
ZUSAMMENGESETZTE BALKENSTRUKTUR

Title (fr)  
STRUCTURE DE POUTRE COMPOSITE

Publication  
**EP 2145058 A4 20121128 (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  
**E04C 3/293** (2006.01); **E04B 5/29** (2006.01)

CPC (source: EP FI)  
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Citation (search report)  
• [X] AT 335703 B 19770325 - KOSS KURT [AT]  
• [X] DE 2218573 A1 19731031 - TUCH GERHARD DIPL ING  
• [X] DE 29505968 U1 19950810 - BRENDDEL IRMFRIED DIPL ING [DE]  
• [A] DE 1114298 B 19610928 - FRIEDR REMY NACHF G M B H  
• [A] GB 1341824 A 19731225 - WILLIAMS G M J FULLER M E, et al  
• [A] DE 605704 C 19341116 - OTTO SCHAUB  
• [A] DE 821503 C 19511119 - KRUPP STAHLBAU RHEINHAUSEN  
• See also references of WO 2008139029A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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