

Title (en)

SLAB STRUCTURE AND FABRICATION METHOD THEREOF

Title (de)

PLATTENSTRUKTUR UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)

STRUCTURE DE DALLE ET PROCEDE DE FABRICATION ASSOCIE

Publication

**EP 2118392 A4 20140611 (EN)**

Application

**EP 08718498 A 20080218**

Priority

- FI 2008000028 W 20080218
- FI 20070140 A 20070216

Abstract (en)

[origin: WO2008099052A1] A slab structure (10), and a fabrication method thereof, wherein skin sheets (21, 22) and support beams (23, 24, 25) located between the skin sheets are joined together by laser or hybrid welding. In the slab structure, at least one support beam or a space between two support beams is filled with concrete or another material, such as foamed plastic, rock wool or the like. The filling may be carried out via pouring openings (32) in an end or a skin sheet (21) in the slab structure. The slab structure may further have a surface layer (34) anchored to the steel sandwich panel by means of bonding members (33), such as studs, extending outside the skin sheet (21) via an opening (32) in the skin sheet.

IPC 8 full level

**E04B 5/40** (2006.01)

CPC (source: EP)

**E04B 5/40** (2013.01)

Citation (search report)

- [A] AT 389070 B 19891010 - GUERTH WERNER ING [ST]
- [A] US 4531857 A 19850730 - BETTIGOLE NEAL H [US]
- See references of WO 2008099052A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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