

Title (en)
JUNCTION

Title (de)
VERBINDUNG

Title (fr)
JONCTION

Publication
EP 0699256 B1 19990407 (EN)

Application
EP 94915176 A 19940519

Priority
• FI 9400200 W 19940519
• FI 932309 A 19930519

Abstract (en)
[origin: WO9426992A1] The present invention is related to a joint structure for sandwich panels comprised of a mineral wool core (1) which is advantageously clad on both sides by skin sheets (2) bonded to the mineral wool core. The mineral wool core (1) is left bare on the edge remaining between a groove-and-tongue structure (3, 3') included in the skin sheet structure to accomplish the mating of the surfaces of the mineral wool core of the panels to be jointed. To assure the tightness of the joint, the mineral wool core (1) is at the area of the tongue-and-groove joint subjected to a higher compressive contraction in the mating direction of the panels than elsewhere in the core after the skin sheet structures of the panels are pushed home in their tongue-and-groove joints.

IPC 1-7
E04B 1/68

IPC 8 full level
E04B 1/684 (2006.01); **E04B 1/61** (2006.01); **E04C 2/26** (2006.01); **E04C 2/292** (2006.01); **E04C 2/34** (2006.01)

CPC (source: EP)
E04C 2/292 (2013.01)

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 9426992 A1 19941124; AT E178676 T1 19990415; CN 1045808 C 19991020; CN 1124050 A 19960605; DE 69417739 D1 19990512; DE 69417739 T2 19991028; DK 0699256 T3 19991018; EE 03217 B1 19990816; EP 0699256 A1 19960306; EP 0699256 B1 19990407; ES 2133555 T3 19990916; FI 932309 A0 19930519; JP H09500940 A 19970128; LV 11489 A 19960820; LV 11489 B 19961220; NO 304607 B1 19990118; NO 954676 D0 19951120; NO 954676 L 19951120; PL 178254 B1 20000331; PL 311689 A1 19960304; RU 2105108 C1 19980220

DOCDB simple family (application)
FI 9400200 W 19940519; AT 94915176 T 19940519; CN 94192162 A 19940519; DE 69417739 T 19940519; DK 94915176 T 19940519; EE 9400088 A 19940729; EP 94915176 A 19940519; ES 94915176 T 19940519; FI 932309 A 19930519; JP 52502894 A 19940519; LV 950344 A 19951117; NO 954676 A 19951120; PL 31168994 A 19940519; RU 95122117 A 19940519