

Title (en)

Connection for plank structures

Title (de)

Verbindung für Holzbalkenkonstruktionen

Title (fr)

Liaison pour structures de poutres en bois

Publication

EP 2239386 B1 20140507 (DE)

Application

EP 10169977 A 20090226

Priority

- EP 09153705 A 20090226
- DE 202008002697 U 20080226

Abstract (en)

[origin: EP2096217A1] The joint e.g. butt strap joint (1), has two wooden beams (3, 4) lying one after the other in a longitudinal direction (X) and adjoining with each other at an end in a joint position (2). The wooden beams comprise self-boring full thread screws (7-9). The thread screws are screwed such that the thread screws remove traction force perpendicular to a wooden fiber direction, absorb the traction force parallel to the fiber direction and transfer compression stress perpendicular to the fiber direction. The thread screws (7, 8) extend over edges of the wooden beams and a wood beam plate (6).

IPC 8 full level

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CPC (source: EP)

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