

Title (en)

CONNECTING SYSTEM WITH CONNECTING PIECE FOR WOOD CONSTRUCTIONS

Title (de)

VERBINDUNGSSYSTEM MIT VERBINDUNGSSTÜCK FÜR HOLZKONSTRUKTIONEN

Title (fr)

SYSTÈME DE LIAISON COMPRENANT UNE PIÈCE DE LIAISON POUR DES STRUCTURES EN BOIS

Publication

**EP 3568535 A1 20191120 (DE)**

Application

**EP 18700280 A 20180110**

Priority

- IT 201700002109 U 20170111
- EP 2018050527 W 20180110

Abstract (en)

[origin: WO2018130551A1] What is described is a connecting system for wood constructions, composed of a connecting piece (1) which has a metal plate which is bent substantially through  $90^{\circ} \pm 5^{\circ}$  to form an angle piece, wherein the plate of the connecting piece has a row of holes which connects a first wood construction part to a second wood construction part, wherein the two wood construction parts form a substantial right angle, and the connecting piece is fastened with a first row of full-thread screws, which are introduced into the holes (7), with an angle (a) between  $60^{\circ}$ - $85^{\circ}$  formed by the screw and the plate (5) in which the holes are arranged, and wherein these holes are arranged substantially adjacent to the fold with a maximum spacing of 25 mm, and the connecting piece is fastened with a second row of nails and/or screws in the holes (8), wherein the second screws/nails have a length which is less than that of the first row of full-thread screws (9) and are introduced substantially perpendicularly into the holes with respect to the corresponding plate and into the two wood construction parts.

IPC 8 full level

**E04B 1/26** (2006.01)

CPC (source: EP US)

**E04B 1/2608** (2013.01 - EP US); **E04B 2001/2644** (2013.01 - EP US); **E04B 2001/2652** (2013.01 - EP US)

Citation (search report)

See references of WO 2018130551A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2018130551 A1 20180719**; CA 3049483 A1 20180719; CA 3049483 C 20230926; EP 3568535 A1 20191120; EP 3568535 B1 20230705; ES 2956734 T3 20231227; IT 201700002109 U1 20180711; PL 3568535 T3 20231113; US 10655320 B2 20200519; US 2019338510 A1 20191107

DOCDB simple family (application)

**EP 2018050527 W 20180110**; CA 3049483 A 20180110; EP 18700280 A 20180110; ES 18700280 T 20180110; IT 201700002109 U 20170111; PL 18700280 T 20180110; US 201816476565 A 20180110