

Title (en)  
A CONSTRUCTION ASSEMBLY FOR WOODEN BUILDINGS

Title (de)  
BAUGRUPPE FÜR HOLZGEBÄUDE

Title (fr)  
ENSEMBLE DE CONSTRUCTION POUR BÂTIMENTS EN BOIS

Publication  
**EP 3754126 A1 20201223 (EN)**

Application  
**EP 19181451 A 20190620**

Priority  
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Abstract (en)  
A construction assembly according to the invention comprises an I-joist or a U-joist comprising a mid section and two lateral beams, fixed at a right angle to a planar surface, wherein the right angle connection is realized by mounting two metal connection elements side by side, each connection element comprising a central first plate portion and a second plate portion at a right angle to the first, and wherein laterally placed upstanding and level strip-shaped plate portions define a profile that comprises two upward steps leading away from the central plate portion. An auxiliary piece is placed between the connection elements and the mid-section of the I or U-joist, the auxiliary piece comprising a central portion having a higher thickness and two side portions having a lower thickness, wherein the dimensions of the auxiliary piece are chosen so that the auxiliary piece fits between the beams of the I or U joist, and so that the profiles of the metal connection pieces fit into the valleys defined by the side portions of the auxiliary piece, the beams of the joist and the central portion of the auxiliary piece.

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Citation (search report)  
• [AD] WO 2017020098 A1 20170209 - DELFELD MARC [BE]  
• [A] US 4893961 A 19900116 - O'SULLIVAN KEVIN B [US], et al  
• [A] US 4423977 A 19840103 - GILB TYRELL T [US]

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