

Title (en)

An apparatus and method for connecting profiled elements in conditions of mutual co-planarity and unity, in the manufacture of planar frames

Title (de)

Vorrichtung und Verfahren zum Verbinden von Profilelementen bei der Herstellung von planaren Rahmen

Title (fr)

Dispositif et méthode pour raccorder des éléments profilés dans la fabrication des cadres plans

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Application

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Priority

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Abstract (en)

[origin: EP1048816A1] An apparatus for connecting profiled elements (2) in conditions of mutual coplanarity and unity, in the manufacture of planar frames (20), comprises a connecting body (3), able to be housed astride a junction (4) of the profiled elements (2), shaped to be associated to the profiled elements (2) with motion directed transversely to their plane of lay; and two anchoring elements (5), which are pivotingly sustained by the connecting body (3), have eccentric profile relative to their own axis of rotation (13), and are able to swivel from an inoperative position wherein the connecting body (3) and the profiled elements (2) are freely movable relative to each other, and an initial operative position wherein the anchoring elements (5) engaging on the profiled elements (2), in opposition to the reaction of the connecting body (3), drive in sliding motion the profiled elements (2) relative to the connecting body (3), to a final operative position wherein the profiled elements (2) are made integral with the connecting body (3) and are pressed in mutual contact on the junction (4). A method for mounting the apparatus (1) is part of the invention. <IMAGE>

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Cited by

EP1914375A1; ITMI20081456A1; IT202000017839A1; EP1688578A3; DE10126278A1; DE10126278C2; US7389564B2; CN102425363A; ITAN20110003A1; EP2479373A3; US10072690B2; WO03080975A1; EP2479373A2

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