

Title (en)

Butt joint junction between column and crossbar of a supporting structure of or for a façade wall

Title (de)

Verbindung des Stosses zwischen Riegel und Pfosten an einem Traggerippe für eine oder an einer Fassadenwand

Title (fr)

Liaison au niveau du raccordement entre poteau et traverse d'une structure porteuse pour ou sur un mur de façade

Publication

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Application

EP 90124300 A 19901215

Priority

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Abstract (en)

[origin: EP0436869A2] The invention is based on a butt joint junction between the crossbar (2) and column (1) of a supporting structure of or for a façade wall (and/or related façade roof), comprising the columns which preferably run from top to bottom and the crossbars placed between them, preferably running horizontally, the columns and crossbars together forming areas for placing and holding wall fillings or windows, in which arrangement furthermore elongated insert parts in the form of connection elements (3) with insert pins (4) are provided, the connection elements slide in hollow chambers (5) in the crossbars and it is possible to displace the connection element and the crossbar relative to one another in the lengthwise direction of the hollow chamber, and the insert pin (4) extends in its fixed position beyond the end of the connection element on the column side and penetrates into the column. In order to create an easily manageable but secure connection between the crossbar and the column, intended to compensate for changes in length of the crossbars, it is provided that the insert pin (4) in the fixed position penetrates recesses or drilled holes (7, 8) of two column walls (6, 9) located behind one another and apart from one another in the direction of displacement, and that a releasable resilient device (14) to lock the insert pin to the column (1b) is provided. <IMAGE>

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CPC (source: EP)

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Cited by

EP0722023A3; EP1380701A1; CN103255862A; EP0799945A1; CN102776972A; CN105019585A; CN109113244A; EP0526873A1; US5363625A; FR2764966A1; CN107859218A; CN102644328A; CN113586565A; EP0844341A1; GR1003933B; CN103883050A; GB2292955A; GB2292955B; CN102425254A; EP0790363A3; CN112095871A; CN108222340A; CN112360026A; CN113123549A; WO2013091318A1

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