

Title (en)

JOINT FOR THE ANGULAR CONNECTIONS OF DOOR / WINDOW PROFILE FRAMES AND THE LIKE

Title (de)

ECKVERBINDUNGSVORRICHTUNG FÜR FENSTER- ODER TÜRPROFILRAHMEN

Title (fr)

JOINT POUR ASSEMBLER EN ANGLE DES CADRES PROFILES DE PORTE/FENETRE ET ANALOGUES

Publication

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Application

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Abstract (en)

[origin: WO2004033837A1] The angular joint of the invention comprises a slide base portion (1) and a sheet metal mobile portion (2) superimposed thereupon, the sheet metal portion (2) including upwardly extending legs (2e) with indenting edges (2g), a bolt (3) being employed in the tightening process of the joint, wherein after the joint has been inserted into the hollow profile members being brought together for connection, the bolt (3) acts so as to exert an upwardly raising force onto the sheet metal mobile portion (2), whilst maintaining base portion (1) at a fixed position, and subsequently leading the sharp indenting edges (2g) of the sheet metal portion (1) to producing an indentation effect into the walls of the corresponding chambers (13a, 13b) of the hollow profiles being angularly connected with the joint, as the joint is being tightened, thereby resulting in a robust, self aligned connection of the hollow profile members.

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