

Title (en)

Machine and method for angle joining intermediate components for the assembly of profiled elements for doors and windows and the like

Title (de)

Vorrichtung und Verfahren zur Eckeverbinding von Zwischenelementen zum Zusammenbau von Profilelementen für Türen, Fenster und dergleichen

Title (fr)

Dispositif et procédé pour l'assemblage angulaire d'éléments intermédiaires pour la connection d'éléments profilés pour portes, fenêtres ou similaires

Publication

**EP 1380367 B1 20050608 (EN)**

Application

**EP 03014465 A 20030701**

Priority

IT MO20020193 A 20020709

Abstract (en)

[origin: EP1380367A1] A machine (1) for angle joining intermediate components (P) for the assembly of profiled elements for doors and windows and the like, comprising a workbench (3) and reference elements (4) for at least one pair of intermediate components (P) on the workbench (3), the intermediate components being provided internally with respective tubular chambers (C) and being preassembled at right angles by inserting in the chambers at least one angular connecting element (E), and at least one unit (9) for fixing one of the intermediate components and the angular element, which is associated with the workbench and is provided with at least one working head (10) that comprises elements (11) for the insertion of at least one dowel (S) provided with a through hole for the connection of the corresponding intermediate component and of the angular element and with elements (12) for injecting a predetermined amount of filler material into the chamber through the hole of the previously inserted dowel, the amount of injected material being suitable to occupy at least one portion of the chamber (C) that is arranged at the angular element (E). <IMAGE>

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