

Title (en)  
AUTOMATIC MACHINE FOR ASSEMBLING FRAMES

Title (de)  
AUTOMATISCHE VORRICHTUNG ZUR MONTAGE VON RAHMEN

Title (fr)  
MACHINE AUTOMATIQUE D'ASSEMBLAGE DE CADRES

Publication  
**EP 1220738 B1 20030827 (FR)**

Application  
**EP 00967989 A 20001010**

Priority  
• FR 0002806 W 20001010  
• FR 9912809 A 19991014

Abstract (en)  
[origin: US6704982B1] The machine comprises two independent fastening stations. The first station (2), designed to assembly the corners of the frame separately and successively, is provided with two cutting heads (3, 7) for cutting the mouldings (5, 9) forming the corner of the frame, as well as with a fastening head (11) and devices with stops (6, 10) and jaws (14) for holding mouldings in position. The second station (15), designed for final assembly of the frame, is provided with two fastening heads (19, 20) installed facing each other along the diagonal of the frame to be produced.

IPC 1-7  
**B27F 7/02**; **B27M 3/00**

IPC 8 full level  
**B27F 1/16** (2006.01); **B27F 7/00** (2006.01); **B27F 7/02** (2006.01)

CPC (source: EP US)  
**B27F 7/003** (2013.01 - EP US); **B27F 7/025** (2013.01 - EP US); **Y10T 29/49829** (2015.01 - EP US); **Y10T 29/49904** (2015.01 - EP US); **Y10T 29/5138** (2015.01 - EP US); **Y10T 29/5145** (2015.01 - EP US); **Y10T 29/5177** (2015.01 - EP US); **Y10T 29/5191** (2015.01 - EP US); **Y10T 29/53417** (2015.01 - EP US); **Y10T 29/5343** (2015.01 - EP US)

Cited by  
CN105171859A

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DOCDB simple family (publication)  
**US 6704982 B1 20040316**; AT E248048 T1 20030915; AU 776637 B2 20040916; AU 7796600 A 20010423; BR 0014624 A 20020604; CA 2387551 A1 20010419; DE 60004870 D1 20031002; EP 1220738 A1 20020710; EP 1220738 B1 20030827; ES 2206310 T3 20040516; FR 2799680 A1 20010420; FR 2799680 B1 20011214; JP 2003511268 A 20030325; MX PA02003698 A 20040405; WO 0126867 A1 20010419

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