

Title (en)

Device for fabricating spacing frames out of hollow section strips for insulating glass panes

Title (de)

Vorrichtung zum Herstellen von Abstandhalterrahmen für Isolierglasscheiben aus Hohlprofileleisten

Title (fr)

Dispositif pour la fabrication de cadres d'espacement pour vitres isolantes à partir de profilés d'écartement creux

Publication

EP 0579593 B1 19961218 (DE)

Application

EP 93890138 A 19930707

Priority

- AT 145992 A 19920716
- AT 146192 A 19920716

Abstract (en)

[origin: EP0579593A1] Parallel to the lower edge of the support wall runs a conveyor for feed of hollow profile fillets to the distance holder frame. A gripper (40) is provided for turning over of hollow profile fillets from the conveyor on to supports (7) in the area of the lower edge of the support wall (1). The conveyor and the gripper for turning over hollow profile fillets from the conveyor into the support are provided on the lower edge of the support wall behind the wall. The conveyor is formed by several groups of rollers. Each roller group comprises two freely rotatable rollers which are located around axes vertically to the support wall.

IPC 1-7

B21D 53/74; **B21D 43/00**

IPC 8 full level

B21D 43/00 (2006.01); **B21D 53/74** (2006.01); **C03C 27/12** (2006.01); **E06B 3/673** (2006.01)

CPC (source: EP US)

B21D 43/006 (2013.01 - EP US); **B21D 53/74** (2013.01 - EP US); **E06B 3/67313** (2013.01 - EP US); **Y10T 29/5183** (2015.01 - EP US); **Y10T 29/5191** (2015.01 - EP US)

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0579593 A1 19940119; **EP 0579593 B1 19961218**; AT E146388 T1 19970115; DE 4323820 A1 19940120; DE 4323820 C2 19960725; DE 59304791 D1 19970130; DE 9310604 U1 19931007; ES 2096268 T3 19970301; US 5394725 A 19950307

DOCDB simple family (application)

EP 93890138 A 19930707; AT 93890138 T 19930707; DE 4323820 A 19930715; DE 59304791 T 19930707; DE 9310604 U 19930715; ES 93890138 T 19930707; US 9247993 A 19930716