

Title (en)

Fastening device with support block and positioning plate.

Title (de)

Fixierungsvorrichtung mit Stützblock und Positionierplatte

Title (fr)

Appareil de fixation à sabot d'appui et plaque de positionnement

Publication

EP 1459852 B1 20100602 (FR)

Application

EP 04290144 A 20040120

Priority

FR 0300723 A 20030123

Abstract (en)

[origin: US2004188493A1] The apparatus is intended to drive fasteners (21) for fastening a piece (20) to a support (30). The apparatus has a snout (12) equipped with a bearing shoe (14). The shoe is equipped with lateral positioning one-piece plate (15) on which there are formed a number of distinct lateral bearing surfaces (8, 8', 8'', 8 82, 83) roughly parallel to the axis of the snout to be applied in particular to an edge of one of the pieces either the support piece or the piece that is to be fastened.

IPC 8 full level

B25C 7/00 (2006.01)

CPC (source: EP US)

B25C 7/00 (2013.01 - EP US)

Citation (examination)

- US 3670941 A 19720620 - GRINNELL FRED I, et al
- EP 1236544 A2 20020904 - ILLINOIS TOOL WORKS [US]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

US 2004188493 A1 20040930; US 7051914 B2 20060530; AT E469735 T1 20100615; AU 2004200205 A1 20040812; AU 2004200205 B2 20060914; CA 2455379 A1 20040723; CA 2455379 C 20070828; CN 100381256 C 20080416; CN 1517183 A 20040804; DE 602004027430 D1 20100715; EP 1459852 A1 20040922; EP 1459852 B1 20100602; FR 2850314 A1 20040730; FR 2850314 B1 20060623; NZ 530753 A 20041126; TW 200417698 A 20040916; TW I247081 B 20060111

DOCDB simple family (application)

US 76255404 A 20040123; AT 04290144 T 20040120; AU 2004200205 A 20040119; CA 2455379 A 20040119; CN 200410002449 A 20040120; DE 602004027430 T 20040120; EP 04290144 A 20040120; FR 0300723 A 20030123; NZ 53075304 A 20040122; TW 93101083 A 20040115