

Title (en)

Waste removal station in a cutting out press

Title (de)

Ausbrechvorrichtung in einer Schneidevorrichtung

Title (fr)

Station d'éjection de déchets dans une machine de découpe d'éléments en plaque

Publication

**EP 0686464 A1 19951213 (FR)**

Application

**EP 95106872 A 19950506**

Priority

CH 149294 A 19940513

Abstract (en)

An ejection station in a machine for cutting flat workpieces, comprising gripper bars operating in their upper surface, the station comprising a perforated board which is raised by a first control device in order to bear a flat workpiece held by the grippers, the waste from the workpiece being gripped and then conveyed downwards by upper and lower telescopic needles belonging respectively to an upper ejection tool and a lower ejection tool movable vertically by a second and a third control device, characterised in that only the downstream edge of the perforated board is raised, so as to pivot around its upstream edge. The station characterised in that the downstream edge of the board is raised by angular rotation between 1 and 6 deg., preferably between 2 and 4 deg. The ejection tools are skewed parallel to the raised perforated board, and in that they slide along sloping guides at right angles to the board. <IMAGE>

IPC 1-7

**B26D 7/18**

IPC 8 full level

**B26D 7/18** (2006.01); **B31B 1/00** (2006.01)

CPC (source: EP KR US)

**B26D 7/18** (2013.01 - KR); **B26D 7/1818** (2013.01 - EP US); **B26D 2007/1872** (2013.01 - EP US); **Y10T 225/371** (2015.04 - EP US)

Citation (search report)

- [A] FR 2263080 A1 19751003 - BOBST FILS SA J [CH]
- [A] US 2548370 A 19510410 - HEDSTROM ERIC L, et al

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**EP 0686464 A1 19951213**; **EP 0686464 B1 19971210**; AT E160964 T1 19971215; AU 1791195 A 19951123; AU 678699 B2 19970605; BR 9502036 A 19951226; CH 689974 A5 20000229; CN 1050794 C 20000329; CN 1112476 A 19951129; DE 69501185 D1 19980122; DE 69501185 T2 19980416; ES 2110280 T3 19980201; JP 2625401 B2 19970702; JP H081589 A 19960109; KR 0174641 B1 19990218; KR 950031285 A 19951218; TW 303753 U 19970421; US 5605527 A 19970225

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