

Title (en)

Simultaneous drive even pressure distribution metal sheet-feeder for punch

Title (de)

Vorrichtung zum Vorschieben eines Bleches in eine Stanzpresse mit einem simultanen Antrieb und mit gleichmäßiger Verteilung des Druckes

Title (fr)

Dispositif d'alimentation de tôles pour une machine à poinçonner à entraînement simultané et distribution uniforme de pression

Publication

**EP 1716939 A1 20061102 (EN)**

Application

**EP 05026898 A 20051208**

Priority

EP 05026898 A 20051208

Abstract (en)

A metal sheet-feeder for punch includes a platform (10), two control members (20) and a link device (30). A side panel (11) is installed separately on both sides of the platform (10), and a top panel (16) is installed on the side panels (11). A fixed roller (12) and a movable roller (15) are disposed between the two side panels (11). The two control members (20) are disposed at the top panel (16) and elastically push against the movable roller (15). The link device (30) is disposed between the two control members (20) and is capable of simultaneously driving one control member (20) according to the movement of the other control member (20) and to elastically push the movable roller (15) synchronously to produce a downward force with a constant pressure.

IPC 8 full level

**B21D 43/09** (2006.01)

CPC (source: EP)

**B21D 43/09** (2013.01)

Citation (search report)

- [XA] US 2660427 A 19531124 - JOHN HALLER
- [XA] US 2819072 A 19580107 - RUDOLPH WITTEK
- [XA] EP 0730920 A1 19960911 - JENTRON ELECTRONIC GMBH [DE]
- [A] DE 4139160 A1 19920604 - SANKYO MFG [JP]
- [A] EP 0395972 A1 19901107 - BRUDERER AG [CH]
- [A] EP 1304181 A1 20030423 - BRUDERER AG [CH]

Cited by

CN107377812A; CN112122430A

Designated contracting state (EPC)

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

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

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