

Title (en)

Feeding device for punching and bending machines

Title (de)

Materialeinzug für Stanz- und Biegeautomaten

Title (fr)

Dispositif d'alimentation pour des machines à poinçonner ou à cintrer

Publication

EP 1749594 A1 20070207 (DE)

Application

EP 06014224 A 20060710

Priority

DE 102005037339 A 20050804

Abstract (en)

Material feed device for feeding band material or wire to processing machines, especially punching, bending or mounting machines, including a linear electric motor for transport material and a material clamping device. Clamping device (4) is attached to the moving part of the linear motor (5). Drive (7) in clamping device (4) is a linear electric motor (9) which acts on the clamping device via a crank drive (10). A second clamping device (4) is provided which acts together with the first clamping device and is connected to the stationery (11) part of the linear motor.

IPC 8 full level

B21F 23/00 (2006.01); **B21D 43/04** (2006.01); **B23Q 7/04** (2006.01)

CPC (source: EP)

B21D 43/11 (2013.01); **B21F 23/005** (2013.01)

Citation (applicant)

DE 2459012 A1 19760616 - KATZ WOLFGANG

Citation (search report)

- [A] DE 10249071 B3 20040115 - BEBECO TECHNOLOGIE GMBH [DE]
- [A] DE 19611801 A1 19971002 - KRAUSS MAFFEI AG [DE]
- [A] EP 0960665 A1 19991201 - YAMADA DOBBY CO LTD [JP]
- [A] WO 02064281 A1 20020822 - DALCOS S R L [IT], et al

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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