

Title (en)

Ejection device, multi-stage press, and method for adjusting the stroke of the ejection device

Title (de)

Auswerfereinrichtung, Mehrstufenpresse und Verfahren zum Verstellen der Hubhöhe einer Auswerfereinrichtung

Title (fr)

Dispositif d'éjection, presse à étages multiples, et procédé de réglage de la course du dispositif d'éjection

Publication

**EP 1142657 A3 20021002 (DE)**

Application

**EP 01108119 A 20010330**

Priority

- DE 10016266 A 20000403
- DE 10032088 A 20000701

Abstract (en)

[origin: EP1142657A2] The ejection device (1), particularly for a cold re-shaping unit, has a thruster (4) activated by an ejection lever (3) connected to a rotating drive shaft (2). On the drive shaft a curve (5) is provided along which a cam follower runs (6). The cam follower drives the ejection lever via an intermediate link component, which is also a lever (7). The intermediate link component also incorporates a carriage (9), which along at least one track (10,11) is locatable on the cam follower or on the ejection lever.

IPC 1-7

**B21J 13/14**

IPC 8 full level

**B21J 13/14** (2006.01)

CPC (source: EP)

**B21J 13/14** (2013.01)

Citation (search report)

- [X] US 3820376 A 19740628 - KOCH F, et al
- [XA] DE 2414442 A1 19751218 - PELTZER & EHLERS
- [A] US 3171144 A 19650302 - MAISTROS JOHN A
- [A] DE 1215479 B 19660428 - HILGELAND MASCHF GEBR

Cited by

CN102225452A; CN106914579A

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**EP 1142657 A2 20011010; EP 1142657 A3 20021002; EP 1142657 B1 20050727; AT E300374 T1 20050815**

DOCDB simple family (application)

**EP 01108119 A 20010330; AT 01108119 T 20010330**