

Title (en)
TELESCOPIC WASTE EJECTING TOOL FOR A SHEET WORKING MACHINE

Publication
EP 0391299 A3 19910918 (FR)

Application
EP 90106265 A 19900402

Priority
CH 131389 A 19890407

Abstract (en)
[origin: EP0391299A2] The telescopic ejecting tool comprises a hollow cylindrical body (2) in which is mounted a needle (10) having a rear section (a) and a forward section (9b) separated by a collar (13) whose face (20) bears against a noise absorbing unit (19) acting against the lower section (21) of a bore (3) in the hollow cylindrical body (2). The forward section of the needle (10) is formed from a rigid element (14) and a deformable element (15). <??>The telescopic ejecting tool is used in a press for cutting sheet material intended for the cardboard box making industry.
<IMAGE>

IPC 1-7
B26D 7/18

IPC 8 full level
B26D 7/18 (2006.01)

CPC (source: EP US)
B26D 7/1818 (2013.01 - EP US); **B26D 2007/1872** (2013.01 - EP US); **Y10T 225/30** (2015.04 - EP US); **Y10T 225/329** (2015.04 - EP US)

Citation (search report)
• [A] GB 1334014 A 19731017 - SIMON LTD HENRY
• [A] US 4261237 A 19810414 - DIDONATO JR JOSEPH S, et al
• [AD] DE 2158907 B2 19750130

Cited by
CN107639881A; US5529565A; US6055897A; US6250189B1; US5826475A; US5599269A; US5766123A; EP1312449A3; US6966873B2; WO9519246A1; WO9727032A1; WO9951405A1; US7128703B2; US8770103B2; US9579816B2

Designated contracting state (EPC)
AT BE DE DK ES FR GB IT LU NL SE

DOCDB simple family (publication)
EP 0391299 A2 19901010; EP 0391299 A3 19910918; EP 0391299 B1 19940525; AT E106033 T1 19940615; AU 5307390 A 19901011; AU 624698 B2 19920618; BR 9001632 A 19910507; CA 2014024 A1 19901007; CA 2014024 C 19940607; CH 679024 A5 19911213; DE 69009094 D1 19940630; DE 69009094 T2 19940915; DK 0391299 T3 19940905; ES 2055818 T3 19940901; JP H02292200 A 19901203; JP H0688238 B2 19941109; US 5065926 A 19911119

DOCDB simple family (application)
EP 90106265 A 19900402; AT 90106265 T 19900402; AU 5307390 A 19900406; BR 9001632 A 19900406; CA 2014024 A 19900406; CH 131389 A 19890407; DE 69009094 T 19900402; DK 90106265 T 19900402; ES 90106265 T 19900402; JP 9195090 A 19900406; US 50550890 A 19900406