

Title (en)
Screw press.

Title (de)
Schneckenpresse.

Title (fr)
Presse à vis.

Publication
EP 0408964 B1 19940615 (DE)

Application
EP 90112573 A 19900702

Priority
DE 8908675 U 19890717

Abstract (en)
[origin: EP0408964A1] Screw press having a screw barrel (1) with feed opening (2) for comminuted old paper or the like, in which a taper-bore mounted pressing screw (5) rotates, having an outlet opening (3) for extruded mouldings (4), which opening is followed by a gripping press (6) for holding back the mouldings, and having an injection device (10) for water, in which a displacement-recording sensor (17) senses the discharging movement of the extruded moulding (4) and activates a first electric switching device (13), which opens a control valve (18) for the injection device (10) and closes it with a time delay which can be set, at the same time activates a second electric switching device (15) for delayed switching of the power supply of the drive motor (8) of the screw press, which motor switches off with a time delay when the extruded moulding (4) is at a standstill, and in turn activates a third electric switching device (16), which switches the reverse running or forward running of the drive motor (8) with a delay.
<IMAGE>

IPC 1-7
B30B 15/14; **B30B 11/24**

IPC 8 full level
B30B 9/30 (2006.01); **B30B 11/00** (2006.01); **B30B 11/24** (2006.01); **B30B 15/00** (2006.01); **B30B 15/14** (2006.01)

CPC (source: EP)
B30B 9/3089 (2013.01); **B30B 11/005** (2013.01); **B30B 11/24** (2013.01); **B30B 15/0088** (2013.01)

Cited by
US6138557A; EP0509381A3; CN102736539A; CN113085247A; GB2285407A; US5629034A; USRE36232E; US6427585B1

Designated contracting state (EPC)
BE CH DE DK ES FR GB IT LI NL SE

DOCDB simple family (publication)
DE 8908675 U1 19900726; AT 405802 B 19991125; AT A123890 A 19990415; DE 4018553 A1 19910124; DE 59006112 D1 19940721; DK 0408964 T3 19941003; EP 0408964 A1 19910123; EP 0408964 B1 19940615; ES 2056304 T3 19941001

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DE 8908675 U 19890717; AT 123890 A 19900607; DE 4018553 A 19900609; DE 59006112 T 19900702; DK 90112573 T 19900702; EP 90112573 A 19900702; ES 90112573 T 19900702