

Title (en)  
Plunger guiding in waste compactor

Title (de)  
Pressstempelführung bei Abfallpressen

Title (fr)  
Guidage du piston pour compacteurs de déchets

Publication  
**EP 0718094 A3 19970305 (DE)**

Application  
**EP 95119303 A 19951207**

Priority  
DE 9420409 U 19941221

Abstract (en)  
[origin: US5642662A] An arrangement of guide elements of the pressure ram of waste material presses for compacting foils, cardboard and similar used packaging material of upright construction, i.e., with vertically acting pressure ram and guidance for support of the pressure ram at the walls of the press shaft in the four corner areas of the cross section of the shaft. The guide elements contacting the rear wall and the side walls of the press shaft are constructed as slide blocks and the guide elements located in the front portion of the press at the inner sides of the front doors of the pressing shaft and filling shaft areas are constructed as roller bodies.

IPC 1-7  
**B30B 9/30**

IPC 8 full level  
**B30B 9/30** (2006.01); **B30B 15/04** (2006.01)

CPC (source: EP US)  
**B30B 9/3021** (2013.01 - EP US); **B30B 9/3032** (2013.01 - EP US); **B30B 15/041** (2013.01 - EP)

Citation (search report)

- [A] DE 4230775 A1 19940317 - PAALS PACKPRESSEN FABRIK GMBH [DE]
- [A] EP 0311764 A1 19890419 - PAALS PACKPRESSEN FABRIK GMBH [DE]
- [A] DE 3908775 A1 19900920 - PAALS PACKPRESSEN FABRIK GMBH [DE]
- [A] GB 2018191 A 19791017 - SCHWELLING H
- [A] DE 9204708 U1 19920617

Cited by  
CN108407367A; US7629708B1; US9627729B2; US7112891B2; US6930402B1; US7298053B2

Designated contracting state (EPC)  
AT DE DK ES FR GB SE

DOCDB simple family (publication)  
**US 5642662 A 19970701**; AT E194099 T1 20000715; DE 59508514 D1 20000803; DE 9420409 U1 19950216; DK 0718094 T3 20001106; EP 0718094 A2 19960626; EP 0718094 A3 19970305; EP 0718094 B1 20000628; ES 2149918 T3 20001116; JP H08224698 A 19960903

DOCDB simple family (application)  
**US 57680695 A 19951221**; AT 95119303 T 19951207; DE 59508514 T 19951207; DE 9420409 U 19941221; DK 95119303 T 19951207; EP 95119303 A 19951207; ES 95119303 T 19951207; JP 33356795 A 19951221