

Title (en)
PRESS WITH AN OSCILLATING PISTON

Publication
EP 0402723 A3 19911002 (DE)

Application
EP 90110518 A 19900602

Priority
DE 3919434 A 19890614

Abstract (en)
[origin: EP0402723A2] A press with an oscillating piston, having a pressure piston (6) which can be moved backwards and forwards in a non-uniform manner, interacts with conveying prongs (20) which are so guided along a kidney-shaped path (26) by a crank-and-rocker mechanism (22, 23), by means of elliptical toothed wheels (30, 31), that they execute a rapid movement in the region of the aperture (10) for introducing the material into the pressing channel (4). In connection with a feed chamber (11) in a stationary pressing chamber housing (1), the oscillating piston press is used, in particular, for pressing cardboard packaging wastes. <IMAGE>

IPC 1-7
B30B 9/30; B30B 15/30

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

CPC (source: EP US)
B30B 9/301 (2013.01 - EP US); **B30B 9/3082** (2013.01 - EP US); **B30B 9/3089** (2013.01 - EP US)

Citation (search report)

- [Y] DE 659793 C 19380511 - WELGER GEB
- [Y] GB 1130761 A 19681016 - TEXAS INDUSTRIES INC
- [A] FR 1576809 A 19690801
- [A] FR 2368881 A1 19780526 - HESSTON CORP [US]
- [A] FR 874864 A 19420828 - NETZSCHKAUER MASCHINENFABRIK F
- [A] DE 1507397 A1 19690626 - TEXAS INDUSTRIES INC
- [A] US 3035391 A 19620522 - MAX DUTSCHMANN, et al
- [A] DE 2406234 A1 19750821 - WELGER GEB

Cited by
US5516206A; EP0931643A1; EP0686493A1; EP3381671A1; WO9404332A1

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