

Title (en)

ARRESTING BRAKE FOR MECHANICAL OR HYDRAULIC PRESSES

Publication

EP 0117851 A3 19851009 (FR)

Application

EP 84830040 A 19840216

Priority

IT 6108383 A 19830223

Abstract (en)

[origin: EP0117851A2] The brake has a cylinder (1) which is bolted to the press frame. The cylinder houses a piston (2) which is acted on by compressed air. The piston rod (3) passes through an end cap (4a) into the bore of a hydraulic piston (6). The piston rod drives oil out of a chamber (5a) into an annulus (8), where the pressure acts on the hydraulic piston. The hydraulic piston has a wedge-shaped ridge on its opposite face, which is pushed into a matching groove in a shaft (9) by the oil pressure. The shaft is attached to the press ram which is thus held stationary.

IPC 1-7

B30B 15/28

IPC 8 full level

B30B 15/28 (2006.01)

CPC (source: EP)

B30B 15/287 (2013.01)

Citation (search report)

- [Y] FR 944111 A 19490328 - A E R E M
- [Y] FR 1232693 A 19601011 - SCHULER L AG
- [A] FR 2230495 A1 19741220 - JAMBON ANCIENS ATELIERS H [FR]
- [A] FR 847917 A 19391019 - SCHULER L AG
- [A] GB 923516 A

Cited by

CN114810879A; US5421920A; US5985051A

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0117851 A2 19840905; EP 0117851 A3 19851009; IT 1172468 B 19870618; IT 8300610 A0 19830223

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