

Title (en)

Piston assembly for a piston pump.

Title (de)

Kolbenanordnung für eine Kolbenpumpe.

Title (fr)

Montage de pistons pour une pompe à piston.

Publication

EP 0685648 A3 19971126 (DE)

Application

EP 95106563 A 19950502

Priority

DE 4416192 A 19940506

Abstract (en)

[origin: EP0685648A2] A piston arrangement for a piston pump having at least one piston (1) cylinder (2) arrangement, has the piston contacting a rotating drive element (3) via a piston shoe (10), the piston is tensioned via a spring (9) mounted to the piston via a support element (8). The support element has a retaining element (86), which can be brought into contact with the piston shoe and is located in the direction of the piston shoe. The piston shoe has at least one return spring at its circumference in which the retaining element is held. <IMAGE>

IPC 1-7

F04B 1/12

IPC 8 full level

F04B 1/12 (2006.01)

CPC (source: EP)

F04B 1/126 (2013.01)

Citation (search report)

- [XA] DE 3424862 C1 19850725 - HAUHINCO MASCHF
- [XA] DE 3505176 C1 19860424 - HAUHINCO MASCHF
- [A] GB 533596 A 19410217 - RAYMOND LESLIE KENT, et al
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- [A] FR 1126864 A 19561203 - STEMPEL HERMETIK GMBH

Cited by

DE19858862A1

Designated contracting state (EPC)

AT CH DE DK FR GB IT LI NL SE

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EP 0685648 A2 19951206; EP 0685648 A3 19971126; EP 0685648 B1 20050727; AT E300674 T1 20050815; DE 4416192 A1 19951109; DE 4416192 C2 19970220; DE 59511011 D1 20050901

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