

Title (en)

Two-cylinder pump for viscous material.

Title (de)

Zweizylinder-Dickstoffpumpen.

Title (fr)

Pompe à deux pistons pour matière épaisse.

Publication

EP 0297281 A1 19890104 (DE)

Application

EP 88108369 A 19880526

Priority

DE 3721248 A 19870627

Abstract (en)

The two-cylinder pump for viscous material has a precompression device (3) which can be flange-connected to the charging vessel (1) in various alignments. <IMAGE>

Abstract (de)

Die Zweizylinder-Dickstoffpumpe weist eine Vorpreßeinrichtung (3) auf, die in unterschiedlichen Ausrichtungen an den Beschickungsbehälter (1) anflanschbar ist.

IPC 1-7

F04B 15/02

IPC 8 full level

F04B 15/02 (2006.01)

CPC (source: EP US)

F04B 15/023 (2013.01 - EP US); **Y10S 417/90** (2013.01 - EP US)

Citation (search report)

- [X] FR 1097302 A 19550704 - GIUSEPPE GAROLLA
- [A] GB 1600467 A 19811014 - THOMSEN EQUIPMENT CO
- [A] US 2393096 A 19460115 - FITZGERALD JAMES H
- [A] DE 2415276 B1 19750731 - SCHWING FRIEDRICH

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EP2520726A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0297281 A1 19890104; **EP 0297281 B1 19901227**; AT E59435 T1 19910115; DE 3861434 D1 19910207; US 4893992 A 19900116

DOCDB simple family (application)

EP 88108369 A 19880526; AT 88108369 T 19880526; DE 3861434 T 19880526; US 21084988 A 19880624