

Title (en)

Pump for viscous substances with a rotary gate valve

Title (de)

Dickstoffpumpe mit einem Drehschieberarmatur

Title (fr)

Pompe pour matière visqueuse, comportant un organe de distribution rotatif

Publication

EP 0604888 B1 19960612 (FR)

Application

EP 93120650 A 19931222

Priority

FR 9216053 A 19921231

Abstract (en)

[origin: EP0604888A1] A rotary spool (1) includes openings (5) emerging on the lateral face (12) in communication with the inlet (6) and openings (5) emerging on the lateral face (13) communicating with the outlet (7). These openings (5) file past a port (4) allowing passage to and from a cylinder (2)/piston (3) assembly. <IMAGE>

IPC 1-7

F04B 7/00; **F04B 15/02**

IPC 8 full level

F04B 7/00 (2006.01); **F04B 15/02** (2006.01); **F04B 53/10** (2006.01)

CPC (source: EP US)

F04B 7/0007 (2013.01 - EP US); **F04B 13/00** (2013.01 - EP US); **F04B 15/02** (2013.01 - EP US); **Y10T 137/8782** (2015.04 - EP US)

Cited by

FR3022958A1; FR2911374A1; US10400756B2; WO2016001187A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0604888 A1 19940706; **EP 0604888 B1 19960612**; AT E139303 T1 19960615; BR 9305100 A 19940816; CA 2112730 A1 19940701; CN 1042166 C 19990217; CN 1091499 A 19940831; DE 69303153 D1 19960718; DE 69303153 T2 19961121; ES 2089689 T3 19961001; FR 2699966 A1 19940701; JP 3559057 B2 20040825; JP H06213145 A 19940802; RU 2121604 C1 19981110; US 5466132 A 19951114

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EP 93120650 A 19931222; AT 93120650 T 19931222; BR 9305100 A 19931217; CA 2112730 A 19931231; CN 93112885 A 19931224; DE 69303153 T 19931222; ES 93120650 T 19931222; FR 9216053 A 19921231; JP 34990593 A 19931228; RU 93057871 A 19931230; US 17414193 A 19931228