

Title (en)

TWIN CYLINDER SLURRY PUMP WITH A PIPE SWITCH

Publication

EP 0175929 A3 19890208 (DE)

Application

EP 85110538 A 19850822

Priority

- DE 3435052 A 19840925
- DE 3524033 A 19850705

Abstract (en)

[origin: ES8608635A1] In a two-cylinder viscous liquid pump with a pipe switch, which by means of a swing pipe alternately connects one of the pump cylinders with the conveyor pipe and releases the other pump cylinder, and which swing pipe is moved along its path of travel by a sliding pin drive via a rocking shaft at varying speeds, powered by one or more hydraulic cylinders, the invention provides a link in the transmission of motion from the drive output to the sliding pin drive, which link serves to change the distance of the connecting element of the sliding pin drive to the axis of the rocking shaft, going from a maximum distance at the beginning and end of the link travel to a minimum distance at the center of the link travel.

IPC 1-7

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

IPC 8 full level

F04B 7/02 (2006.01); **F04B 15/02** (2006.01)

IPC 8 main group level

F04B (2006.01)

CPC (source: EP KR US)

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Citation (search report)

- [A] DE 2903749 A1 19800814 - SCHLECHT KARL
- [A] DE 947040 C 19560809 - TORKRET GES MIT BESCHRAENKTER
- [A] DE 2931814 A1 19810212 - SCHLECHT KARL

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0175929 A2 19860402; **EP 0175929 A3 19890208**; **EP 0175929 B1 19910116**; AU 4768685 A 19860410; AU 576459 B2 19880825; BR 8504676 A 19860722; CA 1246389 A 19881213; DE 3524033 A1 19860403; ES 547235 A0 19860616; ES 8608635 A1 19860616; HU 195868 B 19880728; HU T44318 A 19880229; JP S61182474 A 19860815; KR 860002649 A 19860428; KR 940009535 B1 19941014; MX 162377 A 19910503; SU 1496641 A3 19890723; US 4681022 A 19870721

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