

Title (en)
DEVICE FOR TRANSPORTING THICK MATTER SUSPENSIONS AND METHOD FOR ITS OPERATION

Publication
EP 0197402 A3 19870805 (DE)

Application
EP 86103935 A 19860322

Priority
DE 3512946 A 19850411

Abstract (en)
[origin: EP0197402A2] 1. Apparatus for conveying slurries, comprising at least two two-cylinder piston pumps, the cylinders of which can be connected by a valve alternately with the feed of the slurry and with the delivery pipe, and wherein both two cylinder piston pumps deliver into a common delivery pipe and the second two-cylinder piston pump operates displaced by a quarter-cycle in time from the first, characterized in that the inlet of the delivery pipes (10 and 12) of the two two-cylinder piston pumps (A and B) into the common delivery pipe (15) is effected by a pivoting flap valve (14).

IPC 1-7
F04B 15/02; **F04B 7/00**

IPC 8 full level
F04B 7/00 (2006.01); **F04B 15/02** (2006.01)

CPC (source: EP)
F04B 7/0026 (2013.01); **F04B 15/02** (2013.01)

Citation (search report)
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• [A] DE 2909964 A1 19800925 - SCHWING GMBH F
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EP0964271A3; EP0340050A1; EP0315750A1; WO2006125606A1

Designated contracting state (EPC)
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EP 0197402 A2 19861015; **EP 0197402 A3 19870805**; **EP 0197402 B1 19900613**; AT E53635 T1 19900615; AU 5604386 A 19861120; AU 587816 B2 19890831; CA 1281592 C 19910319; DE 3512946 A1 19861016; DE 3671939 D1 19900719; JP S61252876 A 19861110; ZA 862657 B 19861230

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