

Title (en)
Double diaphragm pump

Title (de)
Doppelmembranpumpe

Title (fr)
Pompe à membrane double

Publication
EP 0716229 B1 19980624 (DE)

Application
EP 95118226 A 19951120

Priority
DE 4443778 A 19941208

Abstract (en)
[origin: US5649809A] The invention relates to a double diaphragm pump having flexible diaphragms disposed in displacement spaces and connected and mechanically coupled to piston rods, the displacement spaces being communicated via check valves to a suction manifold on the one hand and to a pressure manifold on the other hand, wherein each diaphragm is connected to a piston rod, which piston rods extend coaxially and are mounted on opposite sides to a guide frame having at least one lineal guide for a guide block which rotatably mounts a crank pin of a crankshaft.

IPC 1-7
F04B 43/02; F04B 9/04

IPC 8 full level
F04B 9/04 (2006.01); **F04B 43/02** (2006.01)

CPC (source: EP US)
F04B 9/045 (2013.01 - EP US); **F04B 43/026** (2013.01 - EP US); **Y10T 74/18256** (2015.01 - EP US)

Cited by
CN102518573A; EP1898092A3; EP1898092A2

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DOCDB simple family (publication)
US 5649809 A 19970722; AT E167728 T1 19980715; BR 9505698 A 19971111; DE 4443778 A1 19960620; DE 59502649 D1 19980730; EP 0716229 A1 19960612; EP 0716229 B1 19980624; ES 2119292 T3 19981001; JP 3210851 B2 20010925; JP H08232847 A 19960910

DOCDB simple family (application)
US 56443795 A 19951129; AT 95118226 T 19951120; BR 9505698 A 19951207; DE 4443778 A 19941208; DE 59502649 T 19951120; EP 95118226 A 19951120; ES 95118226 T 19951120; JP 34579195 A 19951208