

Title (en)
Pump

Title (de)
Pumpe

Title (fr)
Pompe

Publication
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Application
EP 06002255 A 20060203

Priority
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Abstract (en)
The pump has two pistons attached to the ends of a connector rod (1) and each guided in a cylinder (3a,3b) and connected to a rolling membrane which can roll down between the periphery of the piston and the inside wall of the cylinder wherein a piezo motor (11) drives the pistons which are rigidly connected to one another. A cable braced between the pistons is looped round the drive shaft which is set stepwise in rotation through the piezo drive.

IPC 8 full level
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F04B 17/003 (2013.01); **F04B 43/084** (2013.01); **F04B 43/095** (2013.01); **F04B 53/143** (2013.01)

Citation (search report)
• [A] US 5947702 A 19990907 - BIEDERSTADT CLIFFORD [US], et al
• [A] US 4322201 A 19820330 - ARCHIBALD G KENT
• [A] US 4483665 A 19841120 - HAUSER HUGO [US]
• [A] US 4326837 A 19820427 - GILSON ROBERT E, et al

Designated contracting state (EPC)
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