

Title (en)

Diaphragm pump based liquid transport apparatus

Title (de)

Als Membranpumpe ausgebildete Vorrichtung zum Befördern von Flüssigkeit

Title (fr)

Appareil de transport de liquides en forme de pompe à membrane

Publication

EP 0860608 A3 19991013 (EN)

Application

EP 98103138 A 19980223

Priority

JP 5550697 A 19970224

Abstract (en)

[origin: EP0860608A2] A liquid transport apparatus can operate without having an object liquid directly contacting sliding sections, so that it can prevent particle contamination of the object liquid to assure delivery of a clean liquid feed to a subsequent processing station. The apparatus comprises a fixed wall having a liquid flow hole; a deformable wall for defining an object liquid space with a variable volume in conjunction with the fixed wall; and a driver device for generating a controlled movement of the deformable wall.

IPC 1-7

F04B 43/02

IPC 8 full level

F04B 43/06 (2006.01); **B01F 3/08** (2006.01); **B01J 4/00** (2006.01); **F04B 43/073** (2006.01); **F04B 43/113** (2006.01); **F04B 53/14** (2006.01); **H01L 21/205** (2006.01); **H01L 21/31** (2006.01)

CPC (source: EP KR US)

F04B 13/00 (2013.01 - KR); **F04B 43/0054** (2013.01 - KR); **F04B 43/073** (2013.01 - EP US); **F04B 43/113** (2013.01 - EP US); **F04B 53/143** (2013.01 - EP); **F05B 2210/11** (2013.01 - KR); **F05B 2260/60** (2013.01 - KR); **Y10S 417/00** (2013.01 - KR)

Citation (search report)

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Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0860608 A2 19980826; **EP 0860608 A3 19991013**; JP H10238470 A 19980908; KR 100485225 B1 20050805; KR 19980071597 A 19981026; TW 349879 B 19990111

DOCDB simple family (application)

EP 98103138 A 19980223; JP 5550697 A 19970224; KR 19980005543 A 19980223; TW 87102616 A 19980224