Title (en)
Diaphragm pump

Title (de)
Membranpumpe

Title (fr)
Pompe à membrane

Publication
EP 0969208 A1 20000105 (FR)

Application
EP 99401590 A 19990625

Priority
FR 9808224 A 19980629

Abstract (en)
The pump uses a double acting actuator (18) to which a membrane(19) is attached. The pump expels by pressurising a number of chambers (15,16,17) and material is admitted to the pump by pressurising a first chamber (15) with auxiliary chambers (16,17) being at atmospheric pressure.

Abstract (fr)
La présente invention concerne une pompe à membrane qui comprend un mécanisme de commande entièrement pneumatique, ce mécanisme de commande comportant un vérin double effet (18) auquel est reliée une membrane (19), le refoulement étant obtenu par la mise en pression de plusieurs chambres (15, 16, 17), l'admission étant obtenue par la mise en pression d'une première chambre (15), les autres chambres (16, 17) étant à la pression atmosphérique. <IMAGE>

IPC 1-7
F04B 43/06

IPC 8 full level
B41J 2/175 (2006.01); **B41J 2/18** (2006.01); **B41J 2/185** (2006.01); **F04B 9/125** (2006.01); **F04B 43/06** (2006.01)

CPC (source: EP US)
F04B 9/1253 (2013.01 - EP US); **F04B 43/06** (2013.01 - EP US)

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Designated contracting state (EPC)
DE ES GB IT

DOCDB simple family (publication)
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