

Title (en)

MEMBRANE PUMP AND MEMBRANE THEREFOR

Title (de)

MEMBRANPUMPE UND MEMBRAN FÜR DIESE PUMPE

Title (fr)

POMPE A MEMBRANE ET MEMBRANE POUR UNE TELLE POMPE

Publication

EP 1092093 A1 20010418 (FR)

Application

EP 99926554 A 19990628

Priority

- FR 9901548 W 19990628
- FR 9808332 A 19980630

Abstract (en)

[origin: FR2780476A1] The pump membrane (1) is circular in shape and has an intermediate U-section portion (12) between its central (10) and peripheral (11) portions. The intermediate portion is thinner than the central and peripheral portions. It is annular in shape and is able to roll up and unroll as the membrane moves, while the peripheral portion has a seal rim (13). The membrane is fitted to the pump body so that it forms first (2) and second (3) fluid chambers.

IPC 1-7

F04B 43/00; F04B 43/02

IPC 8 full level

F04B 43/00 (2006.01); **F04B 43/02** (2006.01)

CPC (source: EP US)

F04B 43/0054 (2013.01 - EP US); **F04B 43/026** (2013.01 - EP US)

Citation (search report)

See references of WO 0000743A1

Designated contracting state (EPC)

CH DE ES GB IT LI PT SE

DOCDB simple family (publication)

FR 2780476 A1 19991231; **FR 2780476 B1 20000915**; DE 69904823 D1 20030213; EP 1092093 A1 20010418; EP 1092093 B1 20030108; WO 0000743 A1 20000106

DOCDB simple family (application)

FR 9808332 A 19980630; DE 69904823 T 19990628; EP 99926554 A 19990628; FR 9901548 W 19990628