

Title (en)

Device for pumping by a diaphragm pump operated by a hydraulic circuit.

Title (de)

Vorrichtung zur Förderung von Flüssigkeiten mittels einer durch einen hydraulischen Kreislauf betätigte Membranpumpe.

Title (fr)

Dispositif de pompage de liquides à l'aide d'une pompe à membrane actionnée par un circuit hydraulique.

Publication

EP 0627555 A1 19941207 (EN)

Application

EP 94830178 A 19940415

Priority

IT RM930239 A 19930416

Abstract (en)

A device for pumping liquids, particularly in heat pumps, comprising a diaphragm pump (10) operated by a hydraulic circuit formed of a oil tank (17), a rotary pump (18) located between the tank (17) and the lower room (15) of the diaphragm pump (10), and a rotary distributor (19) having the function of delivering and sucking said oil in reciprocating motion to said diaphragm pump (10) so as to cause a reciprocating suction and delivery of the liquid to be pumped flowing to the upper room (13) of the diaphragm pump (10). <IMAGE>

IPC 1-7

F04B 1/00; **F04B 43/06**

IPC 8 full level

F04B 43/073 (2006.01); **F25B 15/02** (2006.01)

CPC (source: EP US)

F04B 43/073 (2013.01 - EP US); **F25B 15/025** (2013.01 - EP)

Citation (search report)

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- [YA] US 4523901 A 19850618 - SCHIPPERS HEINZ [DE], et al
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- [A] GB 1323006 A 19730711 - BRITISH GAS CORP

Cited by

EP0919724A3; EP1075582A4

Designated contracting state (EPC)

DE ES FR GB NL

DOCDB simple family (publication)

EP 0627555 A1 19941207; **EP 0627555 B1 19970813**; DE 69404899 D1 19970918; DE 69404899 T2 19980305; ES 2106487 T3 19971101; IT 1262358 B 19960619; IT RM930239 A0 19930416; IT RM930239 A1 19941016

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