

Title (en)

A rotary eccentric machine for fluids.

Title (de)

Exzentrische Drehkolbenmaschine für Flüssigkeiten.

Title (fr)

Machine excentrique rotative pour fluides.

Publication

**EP 0159500 A1 19851030 (EN)**

Application

**EP 85102426 A 19850304**

Priority

IT 6722184 A 19840309

Abstract (en)

A rotary machine (1) for fluid comprising a working chamber (2) enclosed between two bodies (3, 4) disposed eccentrically with respect to one another and including at least one intake aperture (37) and outlet aperture (38) in communication with this chamber (2). The principle characteristic of this machine lies in the fact that these two bodies (3, 4) are both rotatable with respect to a fixed structure (10) including these apertures (37, 38), and in that these two bodies (3, 4) are joined together by means of at least one associated connection and sealing element (24) defining at least two variable volume chambers (28) such that a rotation imparted to one of the two bodies (4) is transmitted to the other (2).

IPC 1-7

**F01C 5/00**

IPC 8 full level

**F01C 5/00** (2006.01); **F04C 18/00** (2006.01); **F01C 5/06** (2006.01); **F04C 29/00** (2006.01)

CPC (source: EP)

**F01C 5/00** (2013.01); **F04C 29/0057** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

AT BE CH DE FR GB LI LU NL SE

DOCDB simple family (publication)

**EP 0159500 A1 19851030**; IT 1179597 B 19870916; IT 8467221 A0 19840309; IT 8467221 A1 19850909; JP S60216001 A 19851029

DOCDB simple family (application)

**EP 85102426 A 19850304**; IT 6722184 A 19840309; JP 4731685 A 19850308