

Title (en)

Method and device for pumping a fluid

Title (de)

Vorrichtung und Verfahren zum Pumpen eines fluiden Mediums

Title (fr)

Dispositif et méthode de pompage d'un fluide

Publication

**EP 0841486 A3 19980930 (DE)**

Application

**EP 97118953 A 19971030**

Priority

DE 19646232 A 19961108

Abstract (en)

[origin: EP0841486A2] Fluid medium (f) is conveyed by contact with a rotating pump fluid (v), which can provide a rotating flow of the pumping medium for providing a centrifugal pumping force. The pumping fluid may be fed, tangentially, into a rounded chamber (14), with the rotation velocity being increased by the reduction of chamber's cross-section, and the chamber having at least, one outlet (24) for fluid in the vicinity of its mantle (141).

IPC 1-7

**F04F 1/06**

IPC 8 full level

**F04F 1/06** (2006.01); **F04F 1/18** (2006.01); **G21C 15/24** (2006.01)

CPC (source: EP)

**F04F 1/06** (2013.01); **F04F 1/18** (2013.01)

Citation (search report)

- [X] US 3131645 A 19640505 - DODGE ADIEL Y
- [XY] FR 1322578 A 19630329 - HONEYWELL REGULATOR CO
- [Y] DE 1918134 A1 19691023 - GEN ELECTRIC
- [XY] US 5151112 A 19920929 - PIKE DANIEL E [US]
- [Y] EP 0518657 A1 19921216 - GEN ELECTRIC [US]
- [A] US 5176447 A 19930105 - BATA JANOS [HU], et al

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 0841486 A2 19980513**; **EP 0841486 A3 19980930**; **EP 0841486 B1 20030416**; AT E237754 T1 20030515; DE 19646232 A1 19980514; DE 59709843 D1 20030522

DOCDB simple family (application)

**EP 97118953 A 19971030**; AT 97118953 T 19971030; DE 19646232 A 19961108; DE 59709843 T 19971030