

Title (en)
ROTARY DISPLACEMENT PUMP

Publication
EP 0113606 A3 19860212 (EN)

Application
EP 83402292 A 19831129

Priority
CA 416576 A 19821129

Abstract (en)
[origin: EP0113606A2] A rotary displacement pump comprising a housing having an inlet and an outlet, a first circular recess and a second circular recess within the first recess disposed eccentrically thereof with its periphery coincident with the periphery of the first recess at a point near the outlet. An annular rotor extends across the first recess to define with the housing a fluid flow passage which communicates with the inlet and outlet. The pump includes a blade supported by the housing so as to project through the rotor and be rotatable through the flow passage by the rotor, such that the tip of the blades is coincident with the periphery of the first recess.

IPC 1-7
F04C 2/352

IPC 8 full level
F04C 2/352 (2006.01); **F04C 14/24** (2006.01)

CPC (source: EP)
F04C 2/352 (2013.01); **F04C 14/24** (2013.01)

Citation (search report)

- GB 308420 A 19290328 - ETTORRE LANZEROTTI SPINA
- FR 2482675 A1 19811120 - OTERO GONZALEZ TEOFILO [ES]
- DE 3128432 A1 19820616 - PIERBURG GMBH & CO KG [DE]
- US 1263550 A 19180423 - GOLLINGS ELLICK H [US]
- DE 2328365 A1 19741024 - FEND HEINRICH

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0113606 A2 19840718; EP 0113606 A3 19860212; JP S59201986 A 19841115

DOCDB simple family (application)
EP 83402292 A 19831129; JP 22342183 A 19831129