

Title (en)

Internal gear pump.

Title (de)

Zahnradpumpe mit Inneneingriff.

Title (fr)

Pompe à engrenage intérieur.

Publication

**EP 0107824 A1 19840509 (EN)**

Application

**EP 83110014 A 19831006**

Priority

JP 19154682 A 19821029

Abstract (en)

An improved internal gear pump having a casing formed with a suction port and a discharge port, an outer rotor and an inner rotor of a paratrochoidal profile. The suction port formed in one end of the casing is formed with an extension protruding in the direction of rotation of the rotors.

IPC 1-7

**F04C 2/10**

IPC 8 full level

**F04C 2/10** (2006.01)

CPC (source: EP)

**F04C 2/102** (2013.01)

Citation (search report)

- GB 1530529 A 19781101 - MCDERMOTT H
- FR 2062388 A5 19710625 - DANFOSS AS
- GB 1292840 A 19721011 - DANFOSS AS [DK]
- FR 1344769 A 19631129 - MERRITT & COMPANY ENGINEERING

Cited by

GB2232444A; EP0345978A1; GB2243875A; GB2243875B; WO8912167A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**EP 0107824 A1 19840509**; ES 526851 A0 19840916; ES 8407559 A1 19840916; JP S5982594 A 19840512

DOCDB simple family (application)

**EP 83110014 A 19831006**; ES 526851 A 19831028; JP 19154682 A 19821029