

Title (en)

Gear pump with rotary sealing bar

Title (de)

Zahnradpumpe mit drehbarem Dichtsteg

Title (fr)

Pompe à engrenages avec butée d'étanchéité rotative

Publication

EP 0841483 A3 19980805 (DE)

Application

EP 98101245 A 19980124

Priority

EP 98101245 A 19980124

Abstract (en)

[origin: EP0841483A2] The pump has a housing (G) with a groove (QN,FN) containing a sealing strip (DBS) to separate suction and pressure sides (SS,DS). The pivot point of the strip is positioned in the plane defined by the axis of the two toothed gears (Z1,2). There may be a turnable sealing strip on each end face of a gear. The movement of the strips is adjusted dependant upon the values measured by an RPM counter for the gears.

IPC 1-7

F04C 2/18

IPC 8 full level

F04C 2/08 (2006.01); **F04C 2/18** (2006.01)

CPC (source: EP)

F04C 2/088 (2013.01); **F04C 2/18** (2013.01)

Citation (search report)

- [A] US 2498790 A 19500228 - CAUGHREAN MILO C
- [A] US 1912737 A 19330606 - SVENSON ERNEST J

Cited by

CN111997894A; DE19915784A1; DE19915784C2

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0841483 A2 19980513; EP 0841483 A3 19980805; EP 0841483 B1 20020904; DE 59805364 D1 20021010

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