

Title (en)

Fluid rotation machine with a sensor assembly

Title (de)

Fluid-Rotationsmaschine mit einer Sensoranordnung

Title (fr)

Machine rotative à fluide dotée d'un agencement de capteur

Publication

EP 2369172 B1 20200219 (DE)

Application

EP 11001518 A 20110224

Priority

DE 102010012850 A 20100325

Abstract (en)

[origin: EP2369172A2] The machine i.e. hydraulic motor (1), has a housing (2), and a shaft guided in the housing. A sensor arrangement (10) has a transducer (12) that stays in effective connection with the shaft. The arrangement has a retaining area in which the transducer is arranged. The retaining area stays in fluid connection with an inner area of the housing, and sealed outwardly. A receiver (15) is arranged at an outer side of the housing and the retaining area. The transducer has a support element that works together with a sensor housing (11), where the sensor housing is screwed to a front cover (9).

IPC 8 full level

F03C 2/08 (2006.01); **F04C 2/10** (2006.01)

CPC (source: EP US)

F03C 2/08 (2013.01 - EP US); **F04C 2/104** (2013.01 - EP US); **F04C 2240/81** (2013.01 - EP US); **F04C 2270/052** (2013.01 - EP US); **F04C 2270/86** (2013.01 - EP US)

Citation (examination)

- WO 02060734 A1 20020808 - CONTINENTAL TEVES AG & CO OHG [DE], et al
- EP 0280892 A2 19880907 - LEYBOLD AG [DE]

Cited by

WO2024134328A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2369172 A2 20110928; **EP 2369172 A3 20170510**; **EP 2369172 B1 20200219**; CN 102207086 A 20111005; CN 102207086 B 20150617; DE 102010012850 A1 20110929; US 2011236244 A1 20110929; US 8893566 B2 20141125

DOCDB simple family (application)

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