

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 2369173 A3 20170510 (DE)

Application

EP 11001554 A 20110225

Priority

DE 102010012848 A 20100325

Abstract (en)

[origin: EP2369173A2] The machine i.e. hydraulic motor (1), has a housing (2), and a shaft (3) guided in the housing and rotatable around an axis. The shaft forms a part of a movement section, and a sensor arrangement (10) has a transducer (12) and a receiver (15). A channel (21) is provided in the movement section, and the transducer is connected with a torque transmission element (19) i.e. speedometer shaft, that is guided to a section of the movement section through the channel, where the section of the movement section is removed far away from the transducer than a transducer-sided end of the movement section.

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 2240/60** (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 (search report)

- [A] DE 19547537 C1 19970220 - HYDRAULIK NORD GMBH [DE]
- [A] EP 1855005 A1 20071114 - CARPENTIER MATRA CARMAT [FR]

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2369173 A2 20110928; EP 2369173 A3 20170510; CN 102207087 A 20111005; CN 102207087 B 20150930; DE 102010012848 A1 20110929; DE 102010012848 B4 20160317; US 2011236243 A1 20110929; US 9086050 B2 20150721

DOCDB simple family (application)

EP 11001554 A 20110225; CN 201110141795 A 20110325; DE 102010012848 A 20100325; US 201113070580 A 20110324