

Title (en)
A PUMP PROVIDED WITH SENSORS

Title (de)
MIT SENSOREN AUSGESTATTETE PUMPE

Title (fr)
POMPE MUNIE DE CAPTEURS

Publication
EP 3480461 A1 20190508 (EN)

Application
EP 18198828 A 20181005

Priority
IT 201700124856 A 20171102

Abstract (en)
A pump (100) is described, for example a volumetric diaphragm pump, comprising an intake manifold (175), a delivery manifold (185), at least one pumping unit (110) adapted to transfer a fluid from the intake manifold (175) to the delivery manifold (185), a pump body (150) adapted to contain a lubricating oil for the pumping unit, and one or more sensors (500, 505, 510, 515, 520), of which at least one lubricating oil temperature sensor (505), which is coupled to an exhaust hole (552) of the pump body (150).

IPC 8 full level
F04B 43/02 (2006.01); **F04B 49/06** (2006.01); **F04B 49/10** (2006.01); **F04B 53/16** (2006.01); **F04B 53/18** (2006.01); **F04B 53/22** (2006.01)

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Citation (search report)

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- [XI] US 2008168898 A1 20080717 - HARDIN JOHN W [US], et al
- [XI] US 2006065012 A1 20060330 - KUDO TAKAYUKI [JP]
- [I] US 6425293 B1 20020730 - WOODROFFE JAIME A [US], et al

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

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