

Title (en)
Cylinder service module

Title (de)
Zylinderservicemodul

Title (fr)
Module de service de cylindre

Publication
EP 1881204 B1 20081112 (DE)

Application
EP 06015288 A 20060722

Priority
EP 06015288 A 20060722

Abstract (en)
[origin: EP1881204A1] The module (11) has attachment units for attachment to an outer wall of a fluid cylinder, where the cylinder has an operating unit (19) with position sensors (21, 23) for sensitive detection of a cylinder piston provided with permanent magnets. A microcontroller (31) has a detection unit for detecting time duration and/or number of movement cycles of the cylinder using sensor signals of the sensors and for reproduction of the detected data on a display (18). A storage arrangement (32) stores the sensor data and/or operating cycles and/or characteristic data.

IPC 8 full level
F15B 15/28 (2006.01); **F15B 19/00** (2006.01)

CPC (source: EP)
F15B 15/2861 (2013.01); **F15B 15/2892** (2013.01); **F15B 19/005** (2013.01)

Cited by
KR20160043413A; DE102015210716A1; WO2010142419A1; WO2009021531A1; DE102015210716B4

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1881204 A1 20080123; **EP 1881204 B1 20081112**; AT E414229 T1 20081115; CN 101118433 A 20080206; DE 502006002075 D1 20081224

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EP 06015288 A 20060722; AT 06015288 T 20060722; CN 200710137342 A 20070720; DE 502006002075 T 20060722