

Title (en)

DEVICE FOR TESTING AT LEAST ONE QUALITY PARAMETER OF A FLUID

Title (de)

VORRICHTUNG ZUR PR FUNG MINDESTENS EINES QUALIT TSPARAM ETERS EINES FLUIDS

Title (fr)

DISPOSITIF DE CONTROLE D'AU MOINS UN PARAMETRE DE QUALITE D'UN FLUIDE

Publication

**EP 1709423 A1 20061011 (DE)**

Application

**EP 04804315 A 20041227**

Priority

- EP 2004014725 W 20041227
- DE 102004004342 A 20040129

Abstract (en)

[origin: WO2005073690A1] The invention relates to a device for testing at least one quality parameter of a fluid in fluid apparatuses, e.g. working cylinders (10), hydraulic accumulators, valves, filter housings, pressure tubes, which at least temporarily accommodate a given fluid volume in at least one fluid chamber (12, 14). Said fluid volume is stored in a storage unit (16) with the aid of a control mechanism (16) after being discharged from the fluid apparatus in order to be redirected from there into a measuring element (22, 24) to verify the respective quality parameter of the fluid. The inventive device makes it possible to specifically obtain a statement about the operability of the respective fluid apparatus within a very short period of time.

IPC 8 full level

**G01N 1/20** (2006.01); **G01N 15/02** (2006.01)

CPC (source: EP KR US)

**G01N 1/20** (2013.01 - KR); **G01N 1/2042** (2013.01 - EP US); **G01N 15/02** (2013.01 - KR); **G01N 15/14** (2013.01 - KR);  
**G01N 15/02** (2013.01 - EP US)

Citation (search report)

See references of WO 2005073690A1

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2005073690 A1 20050811**; CN 1906474 A 20070131; CN 1906474 B 20100428; DE 102004004342 A1 20050818;  
EP 1709423 A1 20061011; HK 1097907 A1 20070706; JP 2007519907 A 20070719; JP 4949856 B2 20120613; KR 101147033 B1 20120517;  
KR 20070006735 A 20070111; US 2007157743 A1 20070712; US 7690245 B2 20100406

DOCDB simple family (application)

**EP 2004014725 W 20041227**; CN 200480041130 A 20041227; DE 102004004342 A 20040129; EP 04804315 A 20041227;  
HK 07104272 A 20070424; JP 2006549917 A 20041227; KR 20067015469 A 20041227; US 58730504 A 20041227