

Title (en)

ULTRA-SOUND TESTING DEVICE FOR GAS PRESSURE ACCUMULATORS.

Title (de)

ULTRASCHALL-PRÜFEINRICHTUNG FÜR GASDRUCKSPEICHER.

Title (fr)

DISPOSITIF DE CONTROLE AUX ULTRA-SONS D'ACCUMULATEURS DE GAZ SOUS PRESSION.

Publication

EP 0656109 A1 19950607 (DE)

Application

EP 93917633 A 19930723

Priority

- DE 4227657 A 19920821
- EP 9301964 W 19930723

Abstract (en)

[origin: US5520053A] PCT No. PCT/EP93/01964 Sec. 371 Date Jan. 27, 1995 Sec. 102(e) Date Jan. 27, 1995 PCT Filed Jul. 23, 1993 PCT Pub. No. WO94/04898 PCT Pub. Date Mar. 3, 1994. An ultrasound testing device for gas pressure accumulators is used to test a predeterminable set position that can be taken by a movable separating element inside an accumulator filled with gas and connected to a fluid circuit. The separating element has at least one testing body associated with a visible mark which indicates the set position of the separating element. An ultrasound testing device on a testing body can be set on the accumulator in alignment with the visible mark. This testing device allows a plurality of accumulators of the same type to be tested for their predeterminable gas pressure set value, which corresponds to the gas pre-filling pressure, by a single hand apparatus. This kind of test is economical and achieves reliable results.

IPC 1-7

G01L 11/00; **F17C 13/02**

IPC 8 full level

G01L 11/00 (2006.01); **F15B 1/08** (2006.01); **F15B 1/24** (2006.01); **F15B 19/00** (2006.01); **F17C 13/02** (2006.01)

CPC (source: EP US)

F15B 1/08 (2013.01 - EP US); **F15B 19/00** (2013.01 - EP US); **F15B 2201/205** (2013.01 - EP US); **F15B 2201/312** (2013.01 - EP US); **F15B 2201/41** (2013.01 - EP US); **F15B 2201/415** (2013.01 - EP US); **F15B 2201/505** (2013.01 - EP US)

Citation (search report)

See references of WO 9404898A1

Cited by

DE102017125125B3

Designated contracting state (EPC)

AT CH DE DK ES FR GB GR IT LI NL PT SE

DOCDB simple family (publication)

US 5520053 A 19960528; AT E138474 T1 19960615; DE 4227657 A1 19940224; DE 59302705 D1 19960627; DK 0656109 T3 19961007; EP 0656109 A1 19950607; EP 0656109 B1 19960522; ES 2087761 T3 19960716; GR 3020354 T3 19960930; JP H08500668 A 19960123; WO 9404898 A1 19940303

DOCDB simple family (application)

US 37472095 A 19950127; AT 93917633 T 19930723; DE 4227657 A 19920821; DE 59302705 T 19930723; DK 93917633 T 19930723; EP 9301964 W 19930723; EP 93917633 A 19930723; ES 93917633 T 19930723; GR 960401723 T 19960627; JP 50582794 A 19930723