

Title (en)  
METHOD OF MEASURING THE PRESSURE OF A GAS IN A GAS ACCUMULATOR, AND A DEVICE FOR CARRYING OUT THE METHOD.

Title (de)  
VERFAHREN ZUM MESSEN DES DRUCKES EINES GASES IN EINEM GASDRUCKSPEICHER UND VORRICHTUNG ZUM DURCHFÜHREN DESSELBEN.

Title (fr)  
PROCEDE DE MESURE DE LA PRESSION D'UN GAZ DANS UN ACCUMULATEUR DE GAZ SOUS PRESSION ET DISPOSITIF POUR LA MISE EN OEUVRE DE CE PROCEDE.

Publication  
**EP 0585280 B1 19941026**

Application  
**EP 92909795 A 19920513**

Priority  
• DE 4116482 A 19910521  
• EP 9201047 W 19920513

Abstract (en)  
[origin: WO9221012A1] The invention concerns a method of measuring the pressure of a gas in a gas accumulator which can be connected up to a hydraulic-fluid circuit and in which the gas is separated from the fluid by a dividing element. When the dividing element (12) is in a given position, the gas pressure corresponding to this position is measured by a pressure sensor (40) located on the fluid side of the element. This makes it possible to check the starting pressure in a gas accumulator without affecting the operational readiness of the accumulator with regard to its associated hydraulic-fluid circuit. The invention also concerns a device for carrying out this method.

IPC 1-7  
**G01L 7/00; F15B 1/047**

IPC 8 full level  
**F15B 1/08** (2006.01); **F15B 1/18** (2006.01); **G01L 7/00** (2006.01)

CPC (source: EP US)  
**F15B 1/08** (2013.01 - EP US); **F15B 1/18** (2013.01 - EP US); **F15B 2201/205** (2013.01 - EP US); **F15B 2201/3152** (2013.01 - EP US); **F15B 2201/411** (2013.01 - EP US); **F15B 2201/43** (2013.01 - EP US); **F15B 2201/505** (2013.01 - EP); **F15B 2201/51** (2013.01 - EP US); **F15B 2201/515** (2013.01 - EP US)

Citation (examination)  
• Patent Abstracts of Japan, vol. 13, no. 291 (P-893)(3639), 6 July 1989 & JP-A-1073232  
• Patent Abstracts of Japan, vol. 13, no. 256 (P-884)(3604), 14 June 1989 & JP-A-1054325

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)  
**WO 9221012 A1 19921126**; AT E113377 T1 19941115; AU 1694592 A 19921230; AU 655020 B2 19941201; DE 4116482 A1 19921126; DE 59200704 D1 19941201; DK 0585280 T3 19950424; EP 0585280 A1 19940309; EP 0585280 B1 19941026; ES 2063583 T3 19950101; FI 935101 A0 19931117; FI 935101 A 19931117; JP H06507696 A 19940901; US 5445034 A 19950829

DOCDB simple family (application)  
**EP 9201047 W 19920513**; AT 92909795 T 19920513; AU 1694592 A 19920513; DE 4116482 A 19910521; DE 59200704 T 19920513; DK 92909795 T 19920513; EP 92909795 A 19920513; ES 92909795 T 19920513; FI 935101 A 19931117; JP 50918292 A 19920513; US 11914793 A 19930922