

Title (en)

METHOD AND DEVICE FOR TESTING FILTER CARTRIDGES

Title (de)

VERFAHREN UND VORRICHTUNG ZUM TESTEN VON FILTERPATRONEN

Title (fr)

PROCEDE ET DISPOSITIF PERMETTANT D'ESSAYER DES CARTOUCHES FILTRANTES

Publication

EP 1216086 A2 20020626 (DE)

Application

EP 99938119 A 19990824

Priority

CH 9900391 W 19990824

Abstract (en)

[origin: WO0002432A2] In order to test filter cartridges (50) with a threaded connection for leakage, said cartridge is placed on a plate (5) in a hermetic leakage test chamber (3, 5). A threaded head (15) is then screwed in the threaded connection of the filter cartridge (50) and the filter cartridge is then pulled towards the plate (5). A pressure difference is generated between the inside of the filter cartridge and the inner space of the test chamber (3, 5) and leakage is calculated on the basis of the behavior of pressure difference. The filter cartridge (50) is thus tested under actual operating conditions.

IPC 1-7

B01D 35/00; **B01D 27/00**; **G01N 15/08**

IPC 8 full level

G01M 3/26 (2006.01); **B01D 27/00** (2006.01); **B01D 35/00** (2006.01); **B01D 35/02** (2006.01); **G01N 15/08** (2006.01)

CPC (source: EP)

B01D 27/00 (2013.01); **B01D 35/00** (2013.01); **G01N 15/0826** (2013.01)

Citation (search report)

See references of WO 0002432A2

Cited by

CN113218836A

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 0002432 A2 20000120; **WO 0002432 A3 20000323**; AU 5276399 A 20000201; EP 1216086 A2 20020626; JP 2002542917 A 20021217

DOCDB simple family (application)

CH 9900391 W 19990824; AU 5276399 A 19990824; EP 99938119 A 19990824; JP 2000558706 A 19990824