

Title (en)
Rotary distributor with leakage detection

Title (de)
Drehverteiler mit Leckageerkennung

Title (fr)
Distributeur rotatif doté d'une détection des fuites

Publication
EP 2070865 B1 20151209 (DE)

Application
EP 08171029 A 20081209

Priority
DE 102007060392 A 20071214

Abstract (en)
[origin: EP2070865A1] The distributor has a transportation line (2) for delivering a medium. A housing (4) surrounds the transportation line in section. A sealing device (10) e.g. flexural vibration-sensor device, is provided to seal the transportation line. The sealing device has a channel (12), where a sealing medium e.g. sterile gas, flows within the channel. Sensor devices (14, 14a, 24, 24a) detect physical characteristics e.g. thickness, of the sealing medium and deliver a measuring signal, which is representative for the physical characteristics of the sealing medium. An independent claim is also included for a method for operating the rotary distributor.

IPC 8 full level
B67C 3/00 (2006.01); **B67C 3/22** (2006.01)

CPC (source: EP)
B67C 3/007 (2013.01); **B67C 3/22** (2013.01)

Citation (examination)
EP 2030941 A1 20090304 - KRONES AG [DE]

Citation (opposition)
Opponent : KHS GmbH
• WO 2008019831 A1 20080221 - KHS AG [DE], et al
• WO 2004065283 A1 20040805 - SIG TECHNOLOGY LTD [CH], et al
• DE 102006007481 B3 20070712 - KHS AG [DE]
• DE 29620323 U1 19970123 - KRONSEDER MASCHF KRONES [DE]
• WO 2007014666 A2 20070208 - WILO AG [DE], et al
• WO 2006089629 A1 20060831 - FRAMATOME ANP GMBH [DE], et al
• DE 3426833 A1 19860123 - GORE W L & CO GMBH [DE]
• EP 1640698 A2 20060329 - IDC LLC [US]
• EP 1724507 A2 20061122 - AMERON INT CORP [US]
• US 4557139 A 19851210 - CANTWELL THOMAS [US], et al
• WO 0000801 A1 20000106 - TRYBA STEPHEN A [US]
• WO 03002970 A1 20030109 - LOEGSTOER ROER AS [DK], et al
• DE 19521018 A1 19961219 - BRANDES BERND [DE]
• WO 0016058 A1 20000323 - GORE W L & ASS GMBH [DE], et al
• WO 0248603 A1 20020620 - FRAMATOME ANP GMBH [DE], et al

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IT202100010772A1; EP3594172A1; CN110944933A; CN102756814A; EP3040306A1; EP3015416A1; US2016122170A1; WO2012150513A1; US11279606B2; CN109790004A; EP3521237A4; DE102019219430A1; CN113428821A; EP4273088A3; WO2019012116A1; WO2018187353A1; WO2024110005A1

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EP 08171029 A 20081209; DE 102007060392 A 20071214