

Title (en)

A PISTON PUMP ARRANGEMENT FOR HYGIENIC PROCESSING APPLICATIONS

Title (de)

KOLBENPUMPENANORDNUNG FÜR HYGIENISCHE VERARBEITUNGSANWENDUNGEN

Title (fr)

AGENCEMENT DE POMPE À PISTON POUR DES APPLICATIONS DE TRAITEMENT HYGIÉNIQUE

Publication

EP 2941564 A1 20151111 (EN)

Application

EP 13821802 A 20131217

Priority

- SE 1251494 A 20121221
- SE 1251495 A 20121221
- EP 2013076947 W 20131217

Abstract (en)

[origin: WO2014095898A1] A membrane (306;308) comprises: a main body having a first side and a second side, wherein said main body is made of an elastic material; and a coating made of plastic material provided on said second side of main body. A membrane arrangement is also disclosed, which comprises: a first membrane and a second membrane, wherein at least one of said membranes is a membrane as defined above; and a marker liquid placed in the space (312) between both membranes. A piston pump arrangement (300) comprising said membrane arrangement is also disclosed.

IPC 8 full level

F04B 43/02 (2006.01); **F04B 43/00** (2006.01); **F04B 43/067** (2006.01); **F16J 3/02** (2006.01)

CPC (source: EP US)

F04B 43/0054 (2013.01 - EP US); **F04B 43/009** (2013.01 - EP US); **F04B 43/067** (2013.01 - EP US); **F16J 3/02** (2013.01 - EP US);
G01N 27/10 (2013.01 - EP US)

Citation (search report)

See references of WO 2014095898A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2014095898 A1 20140626; AU 2013361723 A1 20150709; BR 112015014863 A2 20170711; CN 104884805 A 20150902;
EP 2941564 A1 20151111; JP 2016503852 A 20160208; MX 2015007547 A 20151020; RU 2015129692 A 20170130;
US 2015345487 A1 20151203

DOCDB simple family (application)

EP 2013076947 W 20131217; AU 2013361723 A 20131217; BR 112015014863 A 20131217; CN 201380067586 A 20131217;
EP 13821802 A 20131217; JP 2015548453 A 20131217; MX 2015007547 A 20131217; RU 2015129692 A 20131217;
US 201314653996 A 20131217