

Title (en)

A MEMBRANE ARRANGEMENT, A PISTON PUMP ARRANGEMENT HAVING SUCH A MEMBRANE ARRANGEMENT, AND A PROCESSING LINE FOR HYGIENIC PROCESSING APPLICATIONS

Title (de)

MEMBRANANORDNUNG, KOLBENPUMPENANORDNUNG MIT SOLCH EINER MEMBRANANORDNUNG UND FERTIGUNGSLINIE FÜR ANWENDUNGEN ZUR HYGIENISCHEN AUFBEREITUNG

Title (fr)

AGENCEMENT DE MEMBRANE, AGENCEMENT DE POMPE À PISTON ÉQUIPÉ D'UN TEL AGENCEMENT DE MEMBRANE ET LIGNE DE TRAITEMENT POUR DES APPLICATIONS DE TRAITEMENT HYGIÉNIQUE

Publication

EP 3303841 A1 20180411 (EN)

Application

EP 16728279 A 20160603

Priority

- SE 1550737 A 20150605
- EP 2016062608 W 20160603

Abstract (en)

[origin: WO2016193410A1] The invention relates to a membrane arrangement. The membrane arrangement comprises a first membrane (306; 602), a second membrane (308; 604), a membrane interior space (312) formed between said first membrane (306; 602) and said second membrane (308; 604), said membrane interior space (312) housing a fluid, and a sensor (608; 700; 908) configured to register at least one property of said fluid. The sensor (608; 700; 908) is configured to measure a capacitance level of said fluid. The invention also relates to a piston pump arrangement (1104) having such a membrane arrangement, and a processing line for hygienic processing applications.

IPC 8 full level

F04B 43/00 (2006.01); **F04B 43/067** (2006.01)

CPC (source: CN EP US)

F04B 43/009 (2013.01 - CN EP); **F04B 43/067** (2013.01 - CN EP US)

Citation (examination)

- WO 9102161 A1 19910221 - SYSTEMS CHEMISTRY INC [US]
- JP H0192620 A 19890411 - NOKEN KOGYO KK, et al
- See also references of WO 2016193410A1

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 2016193410 A1 20161208; AR 104910 A1 20170823; CN 107709777 A 20180216; EP 3303841 A1 20180411

DOCDB simple family (application)

EP 2016062608 W 20160603; AR P160101667 A 20160603; CN 201680031795 A 20160603; EP 16728279 A 20160603