Title (en)

MECHANICALLY DRIVEN SEQUENCING MANIFOLD

Title (de)

MECHANISCH ANGETRIEBENER SEQUENZIERUNGSVERTEILER

Title (fr)

COLLECTEUR DE SÉQUENÇAGE À ENTRAÎNEMENT MÉCANIQUE

Publication

EP 3423908 A4 20191211 (EN)

Application

EP 17757384 A 20170224

Priority

- US 201662299486 P 20160224
- US 2017019525 W 20170224

Abstract (en)

[origin: WO2017147533A2] The subject of this application is a sequencing manifold for the purpose of supplying control and supply services of pre-determined temporal sequences to fluid processing assemblies. The functioning of this sequencing manifold requires that translation be applied to the sequencing ports. Actuator mechanisms may supply such translation as either continuous motion or as a series of stepwise motions. Actuator mechanism can be obtained that rely on only mechanical means without the need for a source of electricity. With such actuators, it becomes feasible to conduct the operations of fluid processing assemblies in remote and primitive locations that lack a source of electricity. One skilled in the mechanical arts can provide various actuator mechanisms to meet these requirements. The figures included below with the description of attributes are intended to convey an understanding of the mechanical principles underpinning the operation of the sequencing manifold. For reasons of clarity, the figures depict configurations involving apparently geometrically flat plates rather than more complex configurations involving cylinders or circular discs. The omission of configurations involving cylinder or discs from the figures included with this application is not meant to be limiting in any manner.

IPC 8 full level

G05B 19/43 (2006.01); **B01L 1/00** (2006.01); **F04B 43/12** (2006.01); **F16K 3/02** (2006.01); **F16K 7/00** (2006.01); **F16K 11/065** (2006.01); **F16K 11/074** (2006.01); **F16K 11/076** (2006.01); **F16K 99/00** (2006.01); **F25B 21/00** (2006.01); **F25B 21/02** (2006.01); **G01N 15/06** (2006.01); **G01N 33/48** (2006.01)

CPC (source: EP)

B01L 3/502715 (2013.01); **B01L 3/502738** (2013.01); **F01L 5/00** (2013.01); **F04B 43/12** (2013.01); **F16K 3/02** (2013.01); **F16K 11/0655** (2013.01); **F16K 11/074** (2013.01); **F16K 11/076** (2013.01); **F16K 99/0011** (2013.01); **F16K 99/0013** (2013.01); **F16K 99/0028** (2013.01); B01L 2200/027 (2013.01); B01L 2400/065 (2013.01)

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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

DOCDB simple family (publication)

WO 2017147533 A2 20170831; **WO 2017147533 A3 20171109**; **WO 2017147533 A9 20170921**; CN 109074062 A 20181221; CN 109074062 B 20230217; EP 3423908 A2 20190109; EP 3423908 A4 20191211; EP 4075222 A1 20221019

DOCDB simple family (application)

US 2017019525 W 20170224; CN 201780013275 A 20170224; EP 17757384 A 20170224; EP 22177685 A 20170224