

Title (en)
FACE DRIVE FLUID PUMP

Title (de)
FLUIDPUMPE MIT VORDERANTRIEB

Title (fr)
POMPE À FLUIDE À ENTRAÎNEMENT FRONTAL

Publication
EP 2715135 A4 20160302 (EN)

Application
EP 12800839 A 20120607

Priority
• US 201161498064 P 20110617
• US 2012041261 W 20120607

Abstract (en)
[origin: WO2012173854A1] A fluid pump comprising a fluidic manifold comprising a plate constructed of a fluid-impermeable material. The plate has a pump platen, first fluid connectors, and second fluid connectors, and one or more channels formed therein for connecting the first connectors to the second connectors. The fluid pump has a fluid-impermeable membrane positioned on the plate and covering the one or more fluid channels to form one or more fluid paths. The fluid pump also has a pump tubing positioned on the pump platen, the pump tubing having a first part connected to a first one of the first fluid connectors and a second part connected to a second one of the first fluid connectors such that the pump tubing is fluidly connected to the channels via the first one and the second one of the first fluid connectors.

IPC 8 full level
F04B 43/12 (2006.01); **F04B 43/14** (2006.01)

CPC (source: EP US)
F04B 43/1261 (2013.01 - EP US); **F04B 43/1269** (2013.01 - EP US); **F04B 43/14** (2013.01 - EP US)

Citation (search report)
• [X] WO 2010129128 A1 20101111 - ALCON RES LTD [US], et al
• See references of WO 2012173854A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
WO 2012173854 A1 20121220; CN 103608589 A 20140226; EP 2715135 A1 20140409; EP 2715135 A4 20160302;
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