

Title (en)
FLUID DISC PUMP

Title (de)
SCHEIBENPUMPE

Title (fr)
POMPE A DISQUES

Publication
EP 2438301 B1 20151028 (EN)

Application
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GB 2009050613 W 20090603

Abstract (en)
[origin: WO2010139916A1] A pump having a substantially cylindrical shape and defining a cavity formed by a side wall closed at both ends by end walls wherein the cavity contains a fluid is disclosed. The pump further comprises an actuator operatively associated with at least one of the end walls to cause an oscillatory motion of the driven end wall to generate displacement oscillations of the driven end wall within the cavity. The pump further comprises an isolator operatively associated with a peripheral portion of the driven end wall to reduce dampening of the displacement oscillations.

IPC 8 full level
F04B 43/04 (2006.01)

CPC (source: EP US)
F04B 43/04 (2013.01 - EP US)

Cited by
US11173240B2; US11564847B2; US11123471B2; US11723809B2; US11285047B2; US11305047B2; US11564845B2; US11707564B2;
US10898388B2; US11160915B2; US11554203B2; US11701265B2; US11096831B2; US11896465B2; US11116669B2; US11648152B2;
USD898925S; US11497653B2; USD999914S; US11992392B2; US12005182B2; US10660994B2; US1129931B2; US11903798B2;
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DOCDB simple family (publication)
WO 2010139916 A1 20101209; AU 2009347420 A1 20111215; AU 2009347420 B2 20160211; CA 2764332 A1 20101209;
CA 2764332 C 20161101; CN 102459900 A 20120516; EP 2438301 A1 20120411; EP 2438301 B1 20151028; JP 2012528980 A 20121115;
MX 2011012975 A 20120402; RU 2011154213 A 20130720; SG 176226 A1 20111229

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