

Title (en)
PRECISION, CONSTANT-FLOW RECIPROCATING PUMP

Title (de)
PRÄZISE KONSTANTFLUSSKOLBENPUMPE

Title (fr)
POMPE DE PRÉCISION ALTERNATIVE A DÉBIT CONTINU

Publication
EP 3824183 A1 20210526 (FR)

Application
EP 19842361 A 20191010

Priority
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• EP 2019077495 W 20191010

Abstract (en)
[origin: WO2020078825A1] Disclosed is a pump comprising two pistons which are driven by a cam belonging to an external rotor and which are inserted into two cylinder blocks mounted parallel to each other in such a way as to form two opposite, parallel, eccentric pump chambers which have at least one inlet port through which liquid is drawn into the pump chambers during the fill stroke of the pistons, and then expelled from the pump chambers during the discharge stroke of the pistons to at least one outlet port, the outflow rate of which is constant and even.

IPC 8 full level
F04B 1/02 (2006.01); **F04B 1/03** (2020.01); **F04B 7/00** (2006.01); **F04B 9/04** (2006.01); **F04B 13/00** (2006.01)

CPC (source: EP KR US)
F04B 1/02 (2013.01 - EP KR US); **F04B 1/03** (2020.01 - EP KR US); **F04B 7/0015** (2013.01 - EP KR); **F04B 7/003** (2013.01 - EP KR US); **F04B 7/0053** (2013.01 - EP KR US); **F04B 7/0069** (2013.01 - EP KR US); **F04B 9/04** (2013.01 - KR US); **F04B 9/047** (2013.01 - EP US); **F04B 13/00** (2013.01 - EP KR); **F04B 23/06** (2013.01 - US); **F04B 41/06** (2013.01 - US)

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DOCDB simple family (publication)
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EP 2019077495 W 20191010; AU 2019360341 A 20191010; BR 112021006246 A 20191010; CA 3115604 A 20191010; CN 201980067442 A 20191010; EP 19842361 A 20191010; JP 2021508316 A 20191010; KR 20217011768 A 20191010; US 201917285157 A 20191010