

Title (en)
DUAL OUTLET PUMP

Title (de)
PUMPE MIT DOPPELTEM AUSLASS

Title (fr)
POMPE À SORTIE DOUBLE

Publication
EP 2625428 A4 20171018 (EN)

Application
EP 11830161 A 20111005

Priority
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Abstract (en)
[origin: WO2012045164A1] A dual outlet pressure pump includes a housing having first and second inlets as well as first and second outlets. A plurality of vanes are driven by a rotor. An asymmetric rotor cavity includes a first surface engaged by the vanes shaped to at least partially define a plurality of low pressure, high volume chambers. The cavity also includes a second surface engaged by the vanes shaped to at least partially define a plurality of high pressure, low volume chambers. Rotation of the rotor and vanes substantially simultaneously pumps a high volume of low pressure fluid between the first inlet and the first outlet and a low volume of high pressure fluid between the second inlet and the second outlet.

IPC 8 full level
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CPC (source: EP KR US)
F01C 21/106 (2013.01 - EP US); **F04C 2/344** (2013.01 - KR); **F04C 2/3441** (2013.01 - EP US); **F04C 11/00** (2013.01 - KR); **F04C 14/22** (2013.01 - KR); **F04D 13/04** (2013.01 - US); **F16H 57/04** (2013.01 - KR); **F16H 61/28** (2013.01 - KR); **F16H 61/0025** (2013.01 - EP US)

Citation (search report)
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Designated contracting state (EPC)
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