

Title (en)

HYDRAULIC OILFIELD LIFT PUMP

Title (de)

HYDRAULISCHE ÖLFELDHEBEPUMPE

Title (fr)

POMPE ASPIRANTE HYDRAULIQUE POUR CHAMP PÉTROLIFÈRE

Publication

EP 2438264 A2 20120411 (EN)

Application

EP 10721094 A 20100601

Priority

- US 2010036807 W 20100601
- US 18326409 P 20090602

Abstract (en)

[origin: US2010300679A1] A vertically orientated hydraulically driven oilfield lift pump unit having a simplified hydraulic system. The system uses a pair of single acting hydraulic cylinders in tandem with a pair of double acting hydraulic cylinders interacting with hydraulic accumulators to provide an energy efficient, robust hydraulic system design with a minimum number of components.

IPC 8 full level

E21B 43/12 (2006.01); **F04B 47/04** (2006.01)

CPC (source: EP US)

E21B 43/126 (2013.01 - EP US); **F04B 47/04** (2013.01 - EP US)

Citation (search report)

See references of WO 2010141405A2

Designated contracting state (EPC)

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DOCDB simple family (publication)

US 2010300679 A1 20101202; AU 2010256864 A1 20111208; AU 2010256864 B2 20150122; CA 2763162 A1 20101209; CA 2763162 C 20140812; EP 2438264 A2 20120411; MX 2011012819 A 20111216; WO 2010141405 A2 20101209; WO 2010141405 A3 20110331; WO 2010141405 A4 20110609

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