

Title (en)

Method for operating an oscillating displacement pump and oscillating displacement pump

Title (de)

Verfahren zum Betreiben einer oszillierenden Verdrängerpumpe und oszillierende Verdrängerpumpe

Title (fr)

Procédé d'utilisation d'une pompe volumétrique oscillantes et pompes volumétriques oscillantes

Publication

EP 1843040 B1 20100421 (DE)

Application

EP 07006624 A 20070330

Priority

DE 10615845 A 20060403

Abstract (en)

[origin: EP1843040A2] Method involves accomplishment of pressure compensation between the individual pump chambers (1,2), during the pre-compressions phase and prevention of pressure compensation between the individual pump chambers, during the subsequent conveying stroke. The two pump chambers are provided for each liquid and movable displacement body (4,5). One of the displacement bodies absorbs liquid during the actual conveying phase of the other displacement body. An independent claim is included for the oscillating positive-displacement pump.

IPC 8 full level

F04B 11/00 (2006.01); **F04B 9/117** (2006.01)

CPC (source: EP)

F04B 9/1172 (2013.01); **F04B 11/005** (2013.01); **F04B 23/06** (2013.01)

Cited by

JP2013535698A; WO2012022437A1

Designated contracting state (EPC)

DE DK FR

DOCDB simple family (publication)

EP 1843040 A2 20071010; **EP 1843040 A3 20090311**; **EP 1843040 B1 20100421**; DE 502007003483 D1 20100602; DK 1843040 T3 20100809

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