

Title (en)

Volumetric pump

Title (de)

Volumetrische Pumpe

Title (fr)

Pompe volumétrique

Publication

EP 2886796 A1 20150624 (EN)

Application

EP 14184321 A 20140910

Priority

IT BO20130502 A 20130917

Abstract (en)

Described is a volumetric pump comprising a containment chamber (3) having a first and a second flow pipe (7, 8) for a liquid to be pumped; a rotor (2) housed in the chamber (3) and having a central axis (A1), a central hub (9) and a plurality of deformable vanes (4) distributed at equal angular intervals around the periphery of the hub (9); and drive means for setting the rotor (2) in rotation about a respective axis of rotation (A2).

IPC 8 full level

F01C 21/08 (2006.01); **F04C 5/00** (2006.01)

CPC (source: EP)

F01C 21/08 (2013.01); **F04C 5/00** (2013.01); **F04C 2240/20** (2013.01)

Citation (search report)

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- [XI] GB 672522 A 19520521 - EUGENE MAYUS, et al
- [Y] DE 10311655 A1 20040729 - ORTNER JOSEF ANTON [AT]
- [A] US 4392779 A 19830712 - BLOEMERS JAMES L, et al
- [A] US 2466440 A 19490405 - CARL KIEKHAEFER ELMER
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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

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