

Title (en)

Conveying element for an eccentric screw pump and eccentric screw pump

Title (de)

Förderelement für eine Exzentrerschneckenpumpe und Exzentrerschneckenpumpe

Title (fr)

Élément de transport pour une pompe à vis sans fin excentrique et pompe à vis sans fin excentrique

Publication

EP 2532833 B1 20150729 (DE)

Application

EP 11169407 A 20110610

Priority

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Abstract (en)

[origin: EP2532833A1] The pump has a stator with internal screw threads for providing flow volumes (v1, v2), and a rotor (1) arranged in the stator. The rotor has thread pitches with an external screw thread (2) for providing one flow volume. Another external screw thread (3) for providing another flow volume is connected with the external screw thread along longitudinal direction, where the former flow volume is preferably 1.5 to 3 times higher than the latter flow volume. The internal and external screw threads are formed as integral parts.

IPC 8 full level

F01C 21/08 (2006.01); **F04C 2/107** (2006.01)

CPC (source: EP)

F04C 2/084 (2013.01); **F04C 2/1071** (2013.01); **F04C 2250/20** (2013.01)

Citation (examination)

DE 202009002823 U1 20090730 - DAUNHEIMER RALF [DE]

Cited by

DE102016009028A1; CN105697373A; USD971967S; DE102013100451A1; DE102013100451B4; FR3136019A1; WO2014111082A1; WO2018019318A1

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