

Title (en)
MULTISTAGE OIL PUMP

Title (de)
MEHRSTUFIGE ÖLPUMPE

Title (fr)
POMPE À HUILE MULTI-ÉTAGE

Publication
EP 2878822 A4 20160330 (EN)

Application
EP 13791334 A 20130516

Priority
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• JP 2013063651 W 20130516

Abstract (en)
[origin: EP2878822A1] Conventional multistage oil pumps could not have been used in an application where the pressure and the temperature are high. With a multistage oil pump 1 in the present disclosure, two rotors 6, 7 are connected in series in the direction of the rotation axis. The respective rotors 6, 7 are accommodated in a rotor case 4 separately across a spacer 5, the inside thereof being partitioned by the spacer part 5. The rotor case 4 is in the form of an integral cylindrical part, and the spacer 5 is integral with the rotor case 4. The rotors 6, 7 and the rotor case 4 are made of a ferrous material, and the rotor case 4 is fixed to a housing 2 by positioning pins.

IPC 8 full level
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Citation (search report)
• No further relevant documents disclosed
• See references of WO 2013172410A1

Designated contracting state (EPC)
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