

Title (en)
ELECTRIC GEROTOR PUMP

Title (de)
ELEKTRISCHE GEROTORPUMPE

Title (fr)
POMPE ÉLECTRIQUE À ENGRENAGE INTÉRIEUR

Publication
EP 3535496 B1 20200902 (DE)

Application
EP 17786856 A 20171005

Priority
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Abstract (en)
[origin: WO2018082859A1] An electrically driven gerotor pump has a gerotor (3) which comprises a stationary outer gerotor element (31) with an inner toothing (33a) that is axially delimited by two chamber walls (13a, 13b), wherein each chamber-forming foot section of the inner toothing (33a) is paired with a pressure valve (4) which is connected to the outlet (16). The gerotor also comprises an inner gerotor element (30) with an outer toothing (33b) which is guided in the outer gerotor element (31) in a circumferential manner on an eccentric section of the shaft (2) and is mounted in a rotatable manner so as to mesh with the inner toothing (33a).

IPC 8 full level
F04C 2/10 (2006.01); **F04C 11/00** (2006.01)

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