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GEAR PUMP

Title (de)  
ZAHNRADPUMPE

Title (fr)  
POMPE À ENGRENAGES

Publication  
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Application  
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Abstract (en)  
[origin: WO2011012364A2] This invention relates to a gear pump (1) for delivering a fluid, comprising an externally toothed gearwheel (3) rotatably mounted on a journal (4), and an internally toothed annular gear (2), said gearwheel and gear meshing so as to produce a delivery action, and arranged together with an electrically commutable stator (7) inside a housing (5). The stator (7) extends concentrically around the annular gear (2) and cooperates with a magnetic ring (6) in order to generate an electromotive force and the magnetic ring (6) together with the annular gear (2) rotate in order to produce the delivery action. The annular gear (2) is mounted by means of a sliding bearing (25).

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