

Title (en)  
Hydraulic motor

Title (de)  
Hydraulikmotor

Title (fr)  
Moteur hydraulique

Publication  
**EP 2647793 B1 20150107 (DE)**

Application  
**EP 12006750 A 20120927**

Priority  
DE 202012003347 U 20120403

Abstract (en)  
[origin: EP2647793A1] The motor has a shaft (2) rotatably mounted at housing (1) by a roller bearing assembly with axially spaced roller bearings (3,4) arranged at a bearing space (47). A rotor ring is equipped with inner teeth (9) connected to external teeth of a rotor (5) arranged at a rotor chamber (46). Discs (12,13) are arranged at sides of rotor and rotor ring, to axially limit the rotor space. Hydraulic fluid chambers rotatably arranged between teeth, are connected to fluid supply and discharge conduits (33,38). The rolling bearing space is fluid-tightly sealed with the rotor space.

IPC 8 full level  
**F01C 21/02** (2006.01); **F03C 2/08** (2006.01); **F04C 2/10** (2006.01); **F04C 15/00** (2006.01)

CPC (source: EP)  
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