

Title (en)  
TWO-SHAFT PUMP

Publication  
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Application  
**EP 87107091 A 19870515**

Priority  
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Abstract (en)  
[origin: EP0290664A1] The invention relates to a two-shaft pump with an expansion chamber (7), with a pair of rotors (5, 6) located in the expansion chamber, with side flanges (3, 4) for the end-face support of the rotors by means of roller or similar bearings (19) and with a drive which engages on one of the rotor end-faces; in order to achieve a more simple construction, it is proposed that, at least in the region of the rotor end-faces, which are located on the side of the pump remote from the drive, essentially pot-shaped structures (8) are provided and that the roller bearings (19) associated with the rotor end-faces are in each case supported on the inner wall of the pot-shaped structure and on a static stump (21) projecting into the pot.  
<IMAGE>

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IPC 8 full level  
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**F04C 29/04** (2013.01 - EP US)

Citation (examination)  
US 3133506 A 19640519 - LOUIS LUCIANI

Cited by  
US5924855A; DE19963172A1; FR3136261A1; WO9701038A1; WO2023232333A1; WO0012899A1; WO0012900A1

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