

Title (en)  
Rotary positive displacement pump with fixed shafts and rotating sleeves

Title (de)  
Verdrängerpumpe mit festen Bolzen und Drehhülsen

Title (fr)  
Pompe rotative à déplacement positif dotée d'arbres fixes et de manchons rotatifs

Publication  
**EP 2602428 B1 20180425 (EN)**

Application  
**EP 11192568 A 20111208**

Priority  
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Abstract (en)  
[origin: EP2602428A1] A rotary positive displacement pump comprising a pump housing (2) that has a rotor casing (4) with an inlet (401) and an outlet (402), wherein a first rotor (6) and a second rotor (7) are arranged in the rotor casing (4) for effecting pumping of a liquid. A first shaft (16) is fixedly connected to the pump housing (2), a first shaft sleeve (14) is rotatably arranged on the first shaft (16), a first gear (18) is connected to the first shaft sleeve (14) and the first rotor (6) is connected to the first shaft sleeve (14). The pump has a corresponding second shaft (17), second shaft sleeve (15) and second gear (19). The second rotor (7) is connected to the second shaft sleeve (15) and the second gear (19) is in mesh with the first gear (18), for effecting simultaneous rotation of the rotors (6, 7).

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