

Title (en)  
MICROMOTOR AND MICROPUMP

Title (de)  
MIKROMOTOR UND MIKROPUMPE

Title (fr)  
MICROMOTEUR ET MICROPOMPE

Publication  
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Abstract (en)  
[origin: WO9712147A1] The invention concerns a micropump (1) for the substantially continuous delivery of a mass flow, the micropump having a sleeve axis (101) and an offset axis of rotation (100). An internal rotor (20) meshes with an external rotor (30) in a sleeve (60) and at least one outlet-side pressure opening (42n) in a first end-face insert part (42), which is inserted into the sleeve (60) of slightly largely diameter, is aligned in the axial direction (100). The invention further concerns a micromotor (2) of similar construction in which the diameter of the delivery hose corresponds approximately to that of the sleeve casing (60, 61). The pump and motor are extremely miniaturized yet still permit a continuous flow with high feed pressure and high output.

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