

Title (en)  
ROTATING PISTON PUMP

Title (de)  
DREHKOLBENPUMPE

Title (fr)  
POMPE A PISTON ROTATIF

Publication  
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Application  
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Abstract (en)  
[origin: WO0188377A1] The invention relates to a pump (1) comprising one or several rotating pistons (3; 103; 203; 303; 403), in particular for the delivery of substantially liquid media. At least sections of said piston(s) (3; 103; 203; 303; 403) have a surface layer (17; 117; 217; 317; 417) consisting of a polymer, in particular an elastomer. The invention is characterized in that the polymer layer has at least one cavity (19; 119; 219; 319; 419), into which a support body (20; 120; 220; 320; 420) can be introduced, said body being designed to extend the polymer layer (17; 117; 217; 317; 417).

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