

Title (en)  
FEED PUMP FOR FLUIDIC MEDIA

Title (de)  
F RDERPUMPE FÜR MEDIEN

Title (fr)  
POMPE DE REFOULEMENT POUR MILIEUX FLUIDES

Publication  
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Application  
**EP 02792638 A 20021207**

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Abstract (en)  
[origin: US6802702B2] The invention relates to a feed pump for fluidic media, comprising a displacement body that is mounted in a pump housing and equipped with slide bearings and connecting channels that connect the slide bearings to the produce channel on the suction side for recirculating the fed medium that lubricates the slide bearings. The connecting channels are linked to control channels that lead to the exterior and guide channels are provided in the extension of the connecting channels in the housing of the cover. Said guide channels accommodate the valve plungers, each of which has a constriction. The section of the valve plunger lying adjacent to the product channel has a length and a diameter, which correspond to the length and diameter of the connecting channel.

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