

Title (en)  
THICK MATERIAL PUMP

Title (de)  
DICKSTOFFPUMPE

Title (fr)  
POMPE POUR MATIERES EPAISSES

Publication  
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Application  
**EP 03775139 A 20030826**

Priority  
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Abstract (en)  
[origin: WO2004025119A2] The invention relates to a pump for thick material, comprising at least two pump units which alternate in a pumping and suction mode, a pump line, a suction line and a switch valve used for switching between the pump units, enabling a pump unit in a pumping mode to be connected to a pump line and a pump unit in a suction mode to be connected to the suction line. A charging pressure device, acting separately from the pump units, is provided in the region of the suction line in order to improve the filling capacity of said pump unit, and also acts as a bridge for interruption of the pumping flow during switching time, which occurs by virtue of the fact that the charging pressure unit is fully or partially connected to the pump line in the region of the switching phase.

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