

Title (en)  
SCREW DISPLACEMENT PUMP

Title (de)  
SCHRAUBENSPINDELPUMPE

Title (fr)  
POMPE A BROCHES HELICOIDALES

Publication  
**EP 1893872 A1 20080305 (DE)**

Application  
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Abstract (en)  
[origin: US2008199340A1] The invention relates to a screw pump of single-entry, double-shaft construction with an external bearing of the two screw shafts ( 1, 2 ) and a pump housing ( 3 ) enclosing the screw shafts ( 1, 2 ) by forming feed chambers ( 4 ) and externally delimiting the feed chambers ( 4 ) with its internal shell surface ( 3 a ), as well as a suction chamber ( 5 ) for the medium to be induced and a pressure chamber ( 6 ) to accommodate the medium pumped by the screw shafts ( 1, 2 ). The pump housing ( 3 ) is inserted into a pressure housing ( 7 ) and attached to the pressure housing ( 7 ), so that the pressure chamber ( 6 ) encloses the pump housing ( 3 ) at least in part.

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