

Title (en)
SCREW DISPLACEMENT PUMP

Title (de)
SCHRAUBENSPINDELPUMPE

Title (fr)
POMPE A BROCHES HELICOIDALES

Publication
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Application
EP 06753222 A 20060531

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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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