

Title (en)
ECCENTRIC SCREW PUMP

Title (de)
EXZENTERSCHNECKENPUMPE

Title (fr)
POMPE À VIS SANS FIN EXCENTRIQUE

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Application
EP 10711641 A 20100302

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Abstract (en)
[origin: CA2754139A1] The invention relates to an eccentric screw pump (100), in particular for conveying viscous, highly viscous and abrasive media, having a longitudinal direction L, having a conical, helically wound, at least single-start rotor (1) having a gradient h, having at least one eccentricity (e1, e2, e3,en) and at least one cross-section d that is rotatably arranged in a single or multi-start conical stator (2) wherein a plurality of chambers (3, 4, 5n) each having a volume (V3, V4, V5Vn) is formed between the rotor (1) and stator (2) that serve to convey the medium and wherein the chambers (3, 4, 5n) between the stator and the rotor are limited by a sealing line D. The volumes (V3, V4, V5Vn) of each individual chamber (3, 4, 5n) between the stator (2) and the rotor (1) are equal.

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Opponent : Vogelsang GmbH & Co. KG
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