

Title (en)

REDUCING EXHAUST PULSATION IN DRY PUMPS

Title (de)

REDUZIERUNG DER ABGASPULSATION IN TROCKENPUMPEN

Title (fr)

REDUCTION DES PULSATIONS D'ECHAPPEMENT DANS DES POMPES SECHES

Publication

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Application

EP 04767951 A 20040802

Priority

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Abstract (en)

[origin: WO2005019652A1] A vacuum pump comprises a stator housing first and second shafts adapted for counter-rotation within the stator. Each shaft carries a plurality of rotor elements such that the rotor elements on the first shaft intermesh with the rotor elements on the second shaft. The pump also comprises a pump inlet for receiving fluid to be pumped and a pump outlet for exhausting pumped fluid. Each of the intermeshing rotor elements proximate the outlet comprises a plurality of protrusions extending from a centre of rotation, the protrusions being rotationally asymmetrically arranged around the centre of rotation of the rotor element.

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IPC 8 full level

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