

Title (en)
VACUUM PUMP SCREW ROTOR

Title (de)
VAKUUMPUMPEN-SCHRAUBENROTOR

Title (fr)
ROTOR À VIS DE POMPE À VIDE

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Application
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Abstract (en)
[origin: CA3032345A1] The invention relates to a vacuum pump screw rotor, comprising at least two helical displacement elements (10, 12) on a rotor shaft. The at least two displacement elements (10, 12) have different slopes, but the slopes of each displacement element are constant. Furthermore, the displacement elements each have a helical recess, each having a contour that remains the same over its entire length. Hereby, a suction-side displacement element (10) has a recess having an asymmetrical contour, and a pressure-side displacement element (12) has a recess having a symmetrical contour.

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