Title (en)

VACUUM PUMP

Title (de)

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Title (fr)

POMPE À VIDE

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Application

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Abstract (en)

[origin: WO2012080034A2] The invention relates to a vacuum pump, in particular a screw pump, preferably having two displacement body shafts (2, 3) driving compressor bodies (12, 13), having an inner recess (14) extending in the direction of a geometric axis (A) of the displacement body shaft (2, 3), in which a tubular body (20) extends for feeding cooling fluid, leaving a free space between an inner surface of the recess (14) and an outer surface of the body (20). In order to disclose a vacuum pump comprising an embodiment of simple design and effective with respect to cooling power, according to the invention, the body (20) is further mounted in a separate cover part (15) installed on the intake side end of the displacement body (12, 13), the free space is implemented at least partially directly between the body (20) and the inner surface of the displacement body (12, 13) and extends continuously from the cover part (15) to an attachment region of the body (20) in the displacement body shaft (2, 3), in a region of the displacement body shaft (2, 3) associated with the motor/gearbox housing (4) of the displacement body shaft (2, 3).

IPC 8 full level

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