

Title (en)

TWO-SHAFT VACUUM PUMP WITH AT LEAST ONE CONNECTING PASSAGE BETWEEN THE BEARING SPACES

Publication

**EP 0314819 B1 19911121 (DE)**

Application

**EP 87116069 A 19871031**

Priority

EP 87116069 A 19871031

Abstract (en)

[origin: EP0314819A1] The invention relates to a two-shaft pump (1) with a pump chamber housing ring (2) with two laterally affixed bearing plates (3, 4), each with a pump chamber seal (23 and 24) between the front faces of the housing ring (2) and the bearing plates (3 and 4), with storage chamber housings (13, 14) externally flange-mounted on the bearing plates and with at least one pipe (31 and 37) passing through the bearing plates and joining the storage chambers (11, 12) to one another; in order to prevent oil getting into the pump chamber in the event of a leak in the connecting pipe, it is proposed to arrange the passages for the connecting pipe (31 and 37) through the bearing plates (3, 4) outside the pump chamber seals (23, 24). <IMAGE>

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IPC 8 full level

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CPC (source: EP)

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Cited by

DE112008001237B4; CN1054185C; US6611464B2; DE102010045880A1; US6414874B2; US6563738B2; US6618288B2; US6646920B2

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