

Title (en)

BEARING ARRANGEMENT FOR RAPIDLY ROTATING SHAFTS OF VACUUM PUMPS

Title (de)

LAGERANORDNUNG FÜR SCHNELL DREHENDE WELLEN VON VAKUUMPUMPEN

Title (fr)

ENSEMBLE PALIER POUR ARBRES À ROTATION RAPIDE DE POMPES À VIDE

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Application

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Abstract (en)

[origin: WO2012110384A1] Bearing arrangement for rapidly rotating shafts of vacuum pumps, in particular turbomolecular pumps, having two bearing elements (12) which mount the shaft (10). At least one of the two bearing elements (12) has a bearing (16) having a bearing outer ring (20) which surrounds the rolling bodies (22). A damping element (32) is arranged between a pump housing (14) and the bearing outer ring (20). Furthermore, a holding element (28) which fixes the at least one damping element (32) is connected to the pump housing (14).

IPC 8 full level

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CPC (source: EP)

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