

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
15 February 2024 (15.02.2024)



(10) International Publication Number
WO 2024/033323 A1

(51) International Patent Classification:

F04D 19/04 (2006.01) *F16C 39/06* (2006.01)
F04D 29/66 (2006.01) *F16F 15/03* (2006.01)
F16C 32/04 (2006.01)

(21) International Application Number:

PCT/EP2023/071854

(22) International Filing Date:

07 August 2023 (07.08.2023)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

2211565.3 09 August 2022 (09.08.2022) GB

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CV, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IQ, IR, IS, IT, JM, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, MG, MK, MN, MU, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, ZA, ZM, ZW.

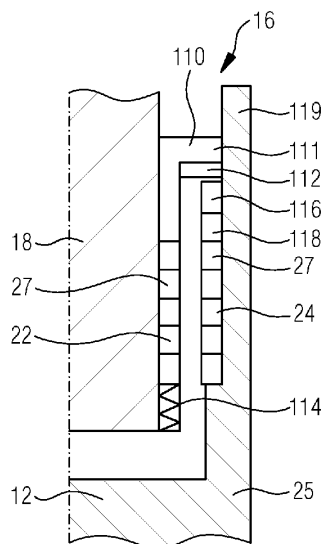
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, CV, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, SD, SL, ST, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, ME, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

Published:

— with international search report (Art. 21(3))

(54) Title: VACUUM PUMP WITH AN EDDY CURRENT DAMPER

Fig.2



(57) Abstract: Vacuum pump, in particular a turbomolecular vacuum pump, comprising a housing and a rotor shaft disposed in the housing and rotatably supported by at least one permanent magnet bearing. Therein, the magnet bearing is arranged at one end of the rotor shaft and wherein the magnet bearing comprises a static bearing element and a rotated bearing element radially arranged next to each other. An eddy current damper is provided having a conductive disk connected to the static bearing element.

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