



(51) International Patent Classification:
F16L 39/06 (2006.01)

(21) International Application Number:
PCT/EP2020/061354

(22) International Filing Date:
23 April 2020 (23.04.2020)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
19170914.6 24 April 2019 (24.04.2019) EP

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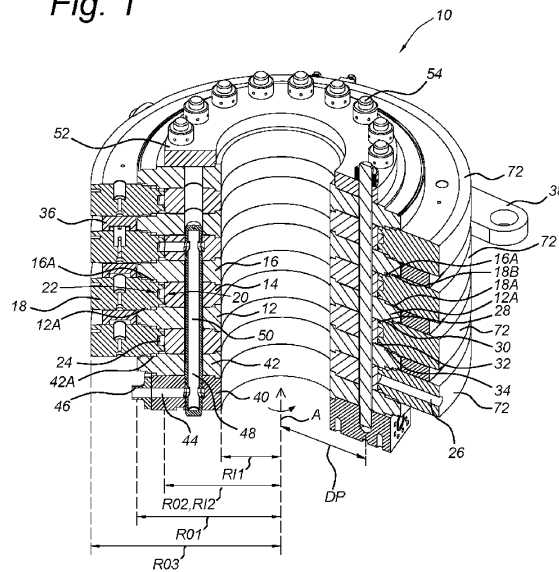
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(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, 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.

(54) Title: SWIVEL STACK FOR TRANSFER OF FLUID ACROSS A ROTARY INTERFACE AND METHOD FOR MANUFACTURING SUCH A SWIVEL STACK.

Fig. 1



(57) Abstract: A swivel stack for transfer of fluid across a rotary interface around a rotation axis between incoming and outgoing flow-lines, includes a group of lower, upper and central annular elements; the lower, upper and central element each being centered around the axis; the central element positioned between the lower and upper elements; an outer annular element centered around the axis between the lower and upper elements; a toroidal chamber between the central and outer elements; downward and upward facing surfaces of the outer element being adjacent to the upward surface of the lower element and the downward surface of the upper element; the lower element's upward surface and the upper element's downward surface having a first stepped surface and the outer element's upward and downward surfaces have a second stepped surface, such that at least two annular cavities centered around the rotation axis are provided.

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(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, 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, 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))