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(54) Title: METAL-TO-METAL ANNULUS SEAL ARRANGEMENT

(57) Abstract: A metal-to-metal seal is used to seal between two tubular members. In one embodiment, a metal-to-metal seal forms a seal in an annulus housing between an inner and outer diameter of tubular members of an adjustable casing sub. The seal can have an inner and an outer sealing ring, or more than one pair of inner and outer sealing rings, that can be set in place by a running tool. An energizing ring can have a tapered or bulbous surface, and can create a pre-load force against the sealing rings.

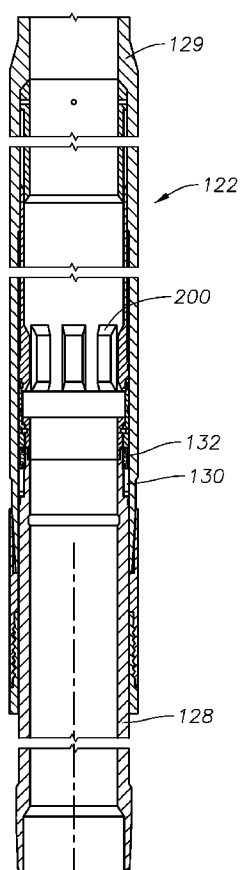


Fig. 3





DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

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- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

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