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(54) Title: B_2F_4 MANUFACTURING PROCESS

(57) Abstract: A reaction system and method for preparing compounds or intermediates from solid reactant materials is provided. In a specific aspect, a reaction system and methods are provided for preparation of boron-containing precursor compounds useful as precursors for ion implantation of boron in substrates. In another specific aspect, a reactor system and methods are provided for manufacture of boron precursors such as B_2F_4 .

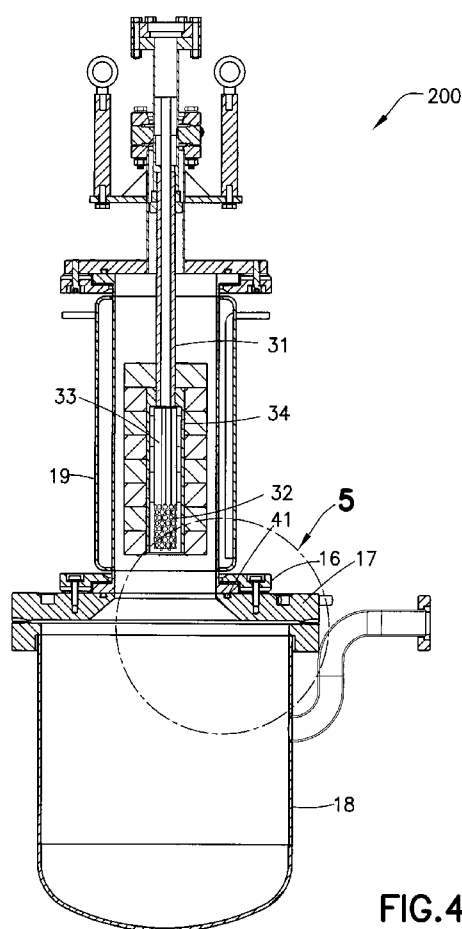


FIG.4





BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, 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, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, 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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