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(54) Title: GAS VALVE AND HOB

(54) 发明名称: 燃气阀和灶具

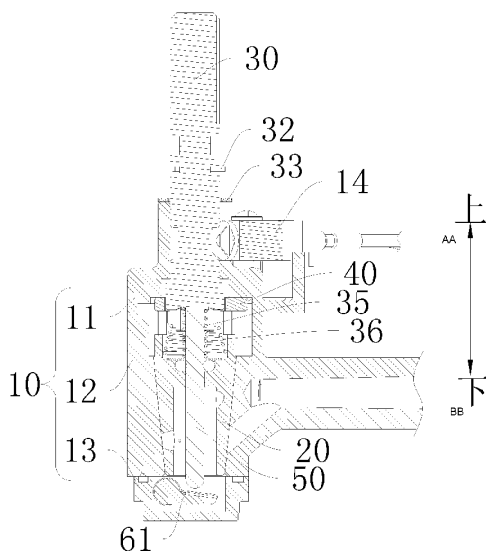


图 2

AA Up
BB Down

(57) Abstract: A gas valve and a hob, the gas valve comprising: a housing (10), a valve core (20), a valve stem (30), and a positioning block (40). The valve core (20) is rotatably arranged in the housing (10) to adjust the degree of opening. The valve stem (30) is rotatably connected to the housing (10) in the circumferential direction and is movably connected to the housing (10) in the axial direction, and the valve stem (30) is adapted to trigger a gas valve body (70). The positioning block (40) has a locking position and an unlocking position in the axial direction; at the locking position, the positioning block (40) is locked, and at the unlocking position, the positioning block can rotate and is adapted to drive the valve core (20); the positioning block (40) and the valve stem (30) can move relatively in the axial direction, and are fixed relatively in the circumferential direction; the positioning block (40) is adapted to be driven by the valve stem (30). According to the gas valve, the driving structure of the gas valve body is separated from the driving structure of the valve core, thereby avoiding flameout after the valve stem is loosened.

[见续页]

(84) 指定国 (除另有指明, 要求每一种可提供的地区保护): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW), 欧亚 (AM, AZ, BY, KG, KZ, RU, TJ, TM), 欧洲 (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)。

本国际公布:

— 包括国际检索报告 (条约第21条(3))。

(57) 摘要: 一种燃气阀和灶具, 包括: 外壳(10)、阀芯(20)、阀杆(30)和定位块(40), 阀芯(20)可转动地设于外壳(10)内以调节开度; 阀杆(30)沿周向可转动并沿轴向可移动地与外壳(10)相连, 阀杆(30)适于触发燃气阀门(70); 定位块(40)沿轴向具有锁止位置和解锁位置, 定位块(40)在锁止位置被锁止, 在解锁位置可旋转并适于带动阀芯(20), 定位块(40)与阀杆(30)沿轴向相对可移动并沿所周向相对位置固定, 定位块(40)适于由阀杆(30)驱动。该燃气阀将燃气阀门的驱动结构与阀芯的驱动结构分离, 避免了松开阀杆后熄火。