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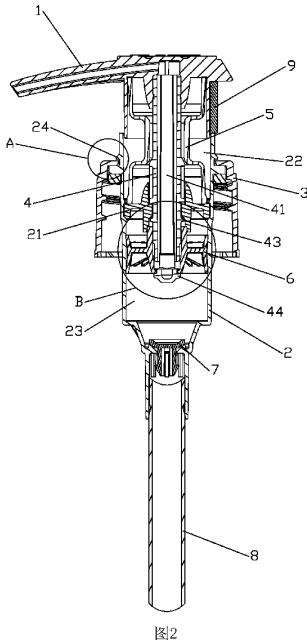
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(81) 指定国(除另有指明, 要求每一种可提供的国家保护): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CV, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IQ, IR, IS, IT, JM, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, 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,

(54) Title: ALL-PLASTIC SINGLE-MATERIAL PRESS PUMP

(54) 发明名称: 一种全塑单一材料按压泵



(57) Abstract: An all-plastic single-material press pump, comprising a press head (1), a pump housing (2), a closure (3), a locking cap (21), a pump rod (4), a spring (5), a one-way valve (7), a piston (6), and a dip tube (8) which are made of a same plastic material. The closure (3) is connected to the upper end of the pump housing (2) in an inserted mode; the pump housing (2) is provided with an upper pump chamber (22) and a lower pump chamber (23); the locking cap (21) is provided between the upper pump chamber (22) and the lower pump chamber (23); the upper end of the pump rod (4) is fixedly inserted into the press head (1); the pump rod (4) passes through the locking cap (21) and extends into the lower pump chamber (23); the spring (5) is provided in the upper pump chamber (22); the pump rod (4) is provided with a suction channel (41); the lower end of the pump rod (4) is provided with a liquid inlet (42) causing the suction channel (41) to be communicated with the lower pump chamber (23); and the piston (6) is located in the lower pump chamber (23) and is sleeved on the outer side of the pump rod (4) to move up and down along with the pump rod (4).

(57) 摘要: 一种全塑单一材料按压泵, 包括采用同种塑料材料制成的按头(1)、泵壳(2)、锁瓶盖(3)、锁盖(21)、泵杆(4)、弹簧(5)、单向阀(7)、活塞(6)、引液管(8), 锁瓶盖(3)与泵壳(2)的上端插接相连, 泵壳(2)具有上泵室(22)和下泵室(23), 锁盖(21)设置在上泵室(22)和下泵室(23)之间, 泵杆(4)的上端与按头(1)插接固定, 泵杆(4)穿过锁盖(21)伸入下泵室(23)中, 弹簧(5)设置在上泵室(22)内, 泵杆(4)开有抽吸通道(41), 泵杆(4)下端设置有连通抽吸通道(41)与下泵室(23)的进液口(42), 活塞(6)位于下泵室(23)中并套设在泵杆(4)外侧随泵杆(4)上下运动。

图2

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(84) 指定国(除另有指明，要求每一种可提供的地区
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