

(11) 21

(51) 7 F 24 B 9/00; F 24 H 1/00

(21) 0300025

(22) 28.07.2003

(71)(73) Таджикский технический университет им. академика М.Осими (TJ)

(72) Мирзоалиев И.М.(TJ); Убайдуллаев А.Н.(TJ)

(54) **ЭЛЕКТРИЧЕСКИЙ ВОДОНАГРЕВАТЕЛЬ**

(57) Электрический водонагреватель, состоящий из цилиндрического корпуса с теплоизоляцией, устройства для крепления, ТЭНа, устройства для очистки, отводящего патрубка, подводящего патрубка с обратным клапаном, **отличающийся тем, что** ТЭН установлен горизонтально в нижней части цилиндрической поверхности на расстоянии, не превышающем $1/5$ высоты корпуса от донной части емкости водонагревателя, а устройство для очистки выполнено в виде заглушки с краном.

(11) 21

(51) 7 F 24 B 9/00; F 24 H 1/00

(21) 0300024

(22) 25.07.2003

(71)(73) Tajik technical university of the name of academican M.Osimi (TJ)

(72) Mirzoaliev I.M.(TJ); Ubaydullov A.N.(TJ)

(54) **THE ELECTRICAL WATER HEATER**

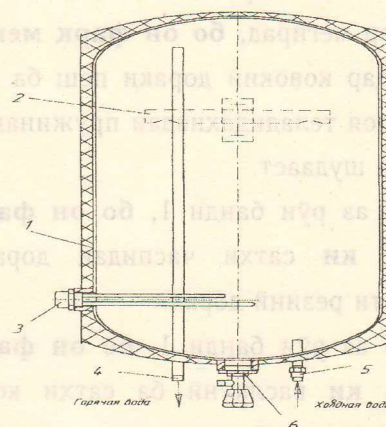
(57) The useful model of the electrical water heater is proposed, which makes it possible to produce rapidly removal of clay-sandy sediment. Indicated goal is achieved due to the horizontal arrangement of electrical heater pentaeruthrityl tetranitrate by the lower part of the

cylindrical surface, up to the distance, not exceeding $1/5$ heights of the ground part of the capacity of water heater.

Equipment for the cleanig is executed in the form of plug with the crane. The schematic of the proposed useful model is represented in fig. 1 and consists of the following basic elements: 1 – heat-insulated housing; 2 – retention mechanism; 3 – adjustable electrical heater; 4 – outlet branch; 5 – supply pipe with the check valve; 6 – equipment of emergency discharge and cleaning.

The proposed device of water heater can be established in the accomodations of tank room, kitchen, dining-room.

If necessary, or one once a week merges the accumulated in the ground part sediment with the aid of the crane of the device of cleaning. Once in six month it is recommended clean the complete removal of clay-sandy sediment from water heater.



Фиг.1