

Title (en)

FASTENING DEVICE FOR ADDITIONAL SANITATION COMPONENTS AND METHOD FOR FASTENING ADDITIONAL SANITATION COMPONENTS

Title (de)

BEFESTIGUNGSVORRICHTUNG FÜR SANITÄRZUSATZBAUTEILE SOWIE VERFAHREN ZUR BEFESTIGUNG VON SANITÄRZUSATZBAUTEILEN

Title (fr)

DISPOSITIF DE FIXATION POUR COMPOSANTS SANITAIRES SUPPLÉMENTAIRES AINSI QUE PROCÉDÉ DE FIXATION DE COMPOSANTS SANITAIRES SUPPLÉMENTAIRES

Publication

EP 3659480 B1 20210317 (DE)

Application

EP 19210453 A 20191120

Priority

DE 102018130197 A 20181128

Abstract (en)

[origin: RU2729122C1] FIELD: sanitation equipment.SUBSTANCE: group of inventions relates to sanitary devices. Fastening device comprises a holder and a vacuum evacuation device. Holder forms the base, which has a valve and a negative pressure chamber located on the side of the adjoining surface. Said device for vacuum generation is equipped with vacuum cylinder, which on side pointing to holder forms sealing surface and in which suction piston with sealing element facing holder is installed. Negative-pressure cylinder forms a pull-out stop on the side opposite the holder. Pull-out stop has at least one recess for at least one rib located on the suction piston. On the side of the exhaust stop between the rib and sealing element of the suction piston a cavity is formed, as a result of which the suction piston in the maximum drawing position is made with the possibility of blocking by means of rotation over the exhaust stopper. Method of fixing the device for sanitary additional components on the abutment surface, such as a wall, comprises steps of pressing the device to create a vacuum to the holder, displacement of suction piston in maximum position of drawing with simultaneous creation of rarefaction, locking maximum position of drawing of suction piston on cylinder of rarefaction by means of rotary-movable blocking, removal of negative pressure by means of lateral rotation of device for creation of rarefaction.EFFECT: creation of alternative solution, which is ergonomically preferable in manipulation and simply executed.5 cl, 7 dwg

IPC 8 full level

A47K 10/12 (2006.01); **A47K 1/09** (2006.01)

CPC (source: EP RU)

A47K 10/12 (2013.01 - EP RU); **B25B 11/00** (2013.01 - RU); **B25B 11/007** (2013.01 - EP); **E03D 9/00** (2013.01 - RU); **F04B 33/00** (2013.01 - EP); **F04B 37/14** (2013.01 - EP); **F04B 39/0022** (2013.01 - EP); **F04B 53/143** (2013.01 - EP); **F04B 53/146** (2013.01 - EP); **A47K 1/09** (2013.01 - EP); **A47K 5/00** (2013.01 - EP); **A47K 2201/02** (2013.01 - EP)

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