

Title (en)

DESCALING MECHANISM OF LIQUID OUTLET DEVICE, LIQUID OUTLET DEVICE, SHOWER AND FAUCET

Title (de)

ENTKALKUNGSMECHANISMUS FÜR FLÜSSIGKEITSAUSLASSVORRICHTUNG, FLÜSSIGKEITSAUSLASSVORRICHTUNG, DUSCH- UND WASSERHAHN

Title (fr)

MÉCANISME DE DÉTARTAGE DE DISPOSITIF DE SORTIE DE LIQUIDE, DISPOSITIF DE SORTIE DE LIQUIDE, DOUCHE ET ROBINET

Publication

EP 3974063 A1 20220330 (EN)

Application

EP 21198956 A 20210924

Priority

CN 202011016754 A 20200924

Abstract (en)

The present disclosure discloses a descaling mechanism of a liquid outlet device, a liquid outlet device, a shower and a faucet. The descaling mechanism of the liquid outlet device comprises a liquid outlet unit and a driving mechanism configured to move relative to the liquid outlet unit, the liquid outlet unit comprises one or more liquid outlet nozzles, the one or more liquid outlet nozzles comprise one or more elastic elements, the one or more elastic elements comprise one or more liquid outlets of the one or more liquid outlet nozzles, the driving mechanism cooperates with the one or more elastic elements, the driving mechanism is configured to move to drive the one or more elastic elements to be elastically deformed, and the one or more elastic elements are elastically deformed to enable scale accumulated in the one or more liquid outlet nozzles to be fallen off. It has the following advantages: the driving mechanism only needs to drive the one or more elastic elements to be deformed to achieve descaling, a matching accuracy requirement between the driving mechanism and the one or more liquid outlet nozzles is low, and a production accuracy requirement of the driving mechanism is low; the driving mechanism drives the one or more elastic elements to be deformed to avoid restriction from water flow conditions and to improve the descaling effect.

IPC 8 full level

B05B 1/18 (2006.01); **B05B 15/522** (2018.01)

CPC (source: CN EP)

B05B 1/18 (2013.01 - CN); **B05B 1/185** (2013.01 - EP); **B05B 15/5225** (2018.01 - EP); **B05B 15/528** (2018.01 - CN)

Citation (search report)

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- [A] CN 204276182 U 20150422 - FUJIAN XIHE SANITARY WARE TECH

Designated contracting state (EPC)

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