

Title (en)

SHOWERHEAD EMBODIMENTS WITH PISTON OR SPRING-LOADED PISTON DELIVERY OF A LIQUID WASHING AGENT

Title (de)

DUSCHKOPF-AUSFÜHRUNGEN MIT KOLBEN ODER FEDERBELASTETER KOLBENAUSGABE EINES FLÜSSIGEN WASCHMITTELS

Title (fr)

POMMEAU DE DOUCHE AVEC VARIANTES À PISTON ET RESSORT-PISTON D'ENVOI D'AGENT LAVANT LIQUIDE

Publication

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Application

**EP 21940958 A 20210618**

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Abstract (en)

The proposed showerhead comprises a showerhead housing having a handle with a water delivery duct, and also a nozzle in the form of a head for separating a flow into jets at the end of the showerhead. Arranged inside the housing are a reservoir for a washing agent, a precisely adjustable valve for regulating the quantity of washing agent, and a filling duct for introducing gel from outside. Also arranged inside the housing are a switch for switching between a washing mode and a rinsing mode, and two check valves in the washing agent filling duct and a washing mixture delivery duct respectively. The separating head comprises, in addition to holes in the nozzle itself for allowing the passage of water, a smaller-sized mesh for mixing the washing mixture with air. In a piston delivery embodiment, the reservoir, which has a water delivery hole on the shower hose side, contains two rigidly interconnected pistons of different diameters, and the reservoir itself is formed from two volumes corresponding to the diameter of a large piston and a small piston respectively. In a spring-loaded piston delivery embodiment, the reservoir has a single diameter and, instead of a large piston, a spring is used in the reservoir, the moving end of which has a small piston attached thereto.

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