

Title (en)

DISCHARGE HEAD FOR A LIQUID DISPENSER AND LIQUID DISPENSER HAVING SUCH A DISCHARGE HEAD

Title (de)

AUSTRAGKOPF FÜR EINEN FLÜSSIGKEITSSPENDER UND FLÜSSIGKEITSSPENDER MIT EINEM SOLCHEN AUSTRAGKOPF

Title (fr)

TÊTE DE DISBRIBUTION POUR DISTRIBUTEUR DE LIQUIDE ET DISTRIBUTEUR DE LIQUIDE MUNI D'UNE TELLE TÊTE DE DISTRIBUTION

Publication

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Application

EP 17803841 A 20171110

Priority

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Abstract (en)

[origin: WO2018091377A1] Discharge heads (10) for liquid dispensers (100) are known. Such a discharge head (10) of the type in question has a housing (20) and a coupling device (24) for attaching to a liquid store (90). Said discharge head also has a discharge opening (38), through which liquid can be discharged into a surrounding atmosphere, and an outlet channel (30), which extends from a inlet region (32) facing the liquid store (90) to the discharge opening (38) and by means of which the discharge opening (38) can be supplied with liquid. In order to throttle the liquid to be discharged, in particular for the purpose of discharging drops, the discharge head (10) has a throttle device (34) in the outlet channel (30), which throttle device has a throttle channel (50; 60; 70) for reducing the liquid pressure and/or the liquid flow of the liquid flowing through the throttle device (34). According to the invention, the throttle device (34) is designed as a switchable throttle device (34), in the case of which a minimum free cross-section of the throttle channel (50; 60; 70) can be changed between a throttling state and an open state in such a way that liquid flowing out toward the discharge opening (38) is subjected to a greater throttling effect by virtue of the throttling state of the throttle channel (50; 60; 70) and the liquid flowing back in toward the inlet region (32) is subjected to a lesser throttling effect by virtue of the open state.

IPC 8 full level

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