

Title (en)

FOAM DISPENSING SYSTEM HAVING MULTIPLE VALVES FOR A DISPENSER, AND ASSOCIATED FOAM DISPENSER

Title (de)

SCHAUMSPENDERSYSTEM; DAS MEHRERE VENTILE FÜR EINEN SPENDER AUFWEIST, UND ZUGEHÖRIGER SCHAUMSPENDER

Title (fr)

SYSTEME DE DISTRIBUTION DE MOUSSE A MULTIPLES VANNES POUR UN DISTRIBUTEUR ET DISTRIBUTEUR DE MOUSSE ASSOCIE

Publication

EP 4034306 A1 20220803 (FR)

Application

EP 20772243 A 20200910

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Abstract (en)

[origin: WO2021058284A1] The invention proposes a foam dispensing system for a dispenser comprising a reservoir in which cosmetic product is stored, said system comprising a product pump and an air pump, said product pump having a variable-volume product metering chamber (13) defined at least in part by a deformable element (2), said system comprising at least five valves, namely a product inlet valve for letting product into the product metering chamber (13), a product outlet valve for letting the product out of the product metering chamber (13), an air inlet valve for letting air into an air metering chamber (14) of the air pump, an air outlet valve for letting air out of the air metering chamber (14), an air venting valve for the reservoir. The deformable element (2) has at least four flaps that are movable between a valve opening state and a valve closing state.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2021058284A1

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