

Title (en)

ASSEMBLY STRUCTURE OF HAND SANITIZER MACHINE AND LIQUID STORAGE BOTTLE

Title (de)

MONTAGESTRUKTUR UND FLÜSSIGKEITSAUFBEWAHRUNGSFLASCHE FÜR EINEN FLÜSSIGSEIFENSPENDER ZUM HÄNDEWASCHEN

Title (fr)

STRUCTURE D'ASSEMBLAGE D'UNE MACHINE DE DÉSINFECTION DES MAINS ET BOUTEILLE DE STOCKAGE DE LIQUIDE

Publication

EP 3900590 A4 20211027 (EN)

Application

EP 20785426 A 20200628

Priority

- CN 202020276140 U 20200309
- CN 2020098509 W 20200628

Abstract (en)

[origin: EP3900590A1] The present application discloses an assembly structure and a liquid storage bottle of a hand wash liquid soap dispenser. The assembly structure of a hand wash liquid soap dispenser includes a main body casing and a liquid storage bottle, and further includes an external snapping head snap-fitted on a bottle mouth of the liquid storage bottle. A plurality of protruded flexible snaps are arranged at intervals on an outer periphery of an upper end of the external snapping head. A recessed groove to be engaged with the outer periphery of the external snapping head is provided on a bottom part of the main body casing, and a plurality of first snaps or snap grooves corresponding to the flexible snaps are provided on an inner wall of the recessed groove. A suction nozzle extending downward and protruding beyond the recessed groove is disposed on one side of the recessed groove, and a recessed hole for the suction nozzle to be inserted in and sealed is provided on the external snapping head. A through-hole communicating with an inside of the liquid storage bottle is provided on a bottom part of the recessed hole. The present application achieves a snap connection between the liquid storage bottle and the main body casing through the external snapping head, which reduces the assembly steps between the two and provides a simple structure.

IPC 8 full level

A47K 5/12 (2006.01); **A45D 34/00** (2006.01); **A47K 5/14** (2006.01); **A47K 5/16** (2006.01)

CPC (source: EP KR US)

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Citation (search report)

- [I] US 2012228332 A1 20120913 - HUANG CHING-SEN [TW]
- See references of WO 2021179479A1

Designated contracting state (EPC)

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BA ME

DOCDB simple family (publication)

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