

Title (en)

A SINGLE-BUTTON SUCTION NOZZLE UNLOCKING STRUCTURE ON A CUP COVER

Title (de)

EINTASTIGE ENTREIGELUNGSSTRUKTUR FÜR SAUGDÜSE AUF EINER BECHERABDECKUNG

Title (fr)

STRUCTURE DE DÉVERROUILLAGE À BOUTON UNIQUE POUR BUSE D'ASPIRATION DE COUVERCLE DE RÉCIPIENT

Publication

EP 3121131 A1 20170125 (EN)

Application

EP 16166556 A 20160422

Priority

CN 201520508387 U 20150714

Abstract (en)

A structure for a cup cover includes the lower part of the cup cover (1), the upper part of the cup cover (2), a button switch (3), a conduit (4), a suction nozzle (5), a locking slider and a first bias tension spring. A containment groove (11) is provided in the lower part of the cup cover (1). The lower end of the conduit (4) passes through the lower part of the cup cover (1). The upper end of the conduit (4) is connected with the suction nozzle (5). The suction nozzle (5) is connected in an overturning manner with the lower part of the cup cover (1). When drinking water with this structure, it is only necessary to press the button switch (3) once, and the suction nozzle (5) can pop up automatically from the containment groove (11). When not in use, moving the suction nozzle (5) down alone will allow locking it in the containment groove (11), which is easy to operate, clean and hygienic.

IPC 8 full level

B65D 47/06 (2006.01); **A45F 3/18** (2006.01); **A47G 19/22** (2006.01)

CPC (source: EP KR)

A45F 3/18 (2013.01 - EP); **A47G 19/2266** (2013.01 - EP); **B65D 47/06** (2013.01 - KR); **B65D 47/065** (2013.01 - EP KR); **B65D 47/122** (2013.01 - KR); **B65D 55/02** (2013.01 - KR); **B65D 2251/1066** (2013.01 - EP); **B65D 2255/00** (2013.01 - KR)

Citation (search report)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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BA ME

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DOCDB simple family (application)

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