

Title (en)  
FLUID PRODUCT DISPENSER

Title (de)  
FLÜSSIGPRODUKTSPENDER

Title (fr)  
DISTRIBUTEUR DE PRODUIT FLUIDE

Publication  
**EP 3993662 A1 20220511 (FR)**

Application  
**EP 20746257 A 20200701**

Priority  
• FR 2020051145 W 20200701  
• FR 1907285 A 20190701

Abstract (en)  
[origin: WO2021001626A1] Fluid product dispenser comprising: - a reservoir (R), - a pump (P) having an actuating stem (P3), - a cup (1) mounted on the actuating stem (P3) for accommodating the product output by the pump (P), - a removable member (2) that is engaged with the cup (1) and comprises an applicator (A) held in the cup (1) in order to take up the product, the applicator (A) being deformable and constrained in the cup (1) by rotational locking means (13, 23, 31, F4) comprising a plurality of fixed flanges (31) solidly attached to the reservoir (R) and a plurality of fins (23) integral with the removable member (2), characterized in that the cup (1) and the removable member (2) are provided with rotational connection means (130, 23) such that the removable member (2) drives the cup (1) in rotation on the actuating stem (P3) as soon as the removable member (2) is engaged with the cup (1).

IPC 8 full level  
**A45D 34/04** (2006.01); **B65D 51/24** (2006.01)

CPC (source: CN EP KR US)  
**A45D 34/00** (2013.01 - CN); **A45D 34/04** (2013.01 - EP KR); **A45D 34/045** (2013.01 - EP KR US); **A45D 44/00** (2013.01 - CN); **A61J 1/05** (2013.01 - CN); **B05B 11/1047** (2023.01 - US); **B05B 11/1052** (2023.01 - EP KR US); **B65D 41/62** (2013.01 - CN); **B65D 47/20** (2013.01 - CN); **B65D 51/18** (2013.01 - CN); **A45D 2200/056** (2013.01 - EP KR US); **A61J 1/14** (2013.01 - CN); **B65D 2251/0015** (2013.01 - CN); **B65D 2251/0087** (2013.01 - CN)

Citation (search report)  
See references of WO 2021001626A1

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**FR 3098129 A1 20210108**; **FR 3098129 B1 20210702**; CN 114072338 A 20220218; CN 114072338 B 20231212; EP 3993662 A1 20220511; EP 3993662 B1 20230906; KR 20220029668 A 20220308; US 11813627 B2 20231114; US 2022258193 A1 20220818; WO 2021001626 A1 20210107

DOCDB simple family (application)  
**FR 1907285 A 20190701**; CN 202080048244 A 20200701; EP 20746257 A 20200701; FR 2020051145 W 20200701; KR 20227002004 A 20200701; US 202017623088 A 20200701