

Title (en)

VALVE SEAL AND METERING VALVE FOR FLUID PRODUCT DISPENSER

Title (de)

VENTILDICHTUNG UND DOSIERVENTIL FÜR EINEN SPENDER VON FLUIDPRODUKTEN

Title (fr)

JOINT DE VALVE ET VALVE DOSEUSE POUR DISTRIBUTEUR DE PRODUIT FLUIDE

Publication

EP 3849921 A1 20210721 (FR)

Application

EP 19787017 A 20190909

Priority

- FR 1858131 A 20180911
- FR 2019052062 W 20190909

Abstract (en)

[origin: WO2020053508A1] The invention relates to a valve seal for a metering valve of a fluid product dispenser, said seal being made of a self-lubricating elastomeric material.

IPC 8 full level

B65D 83/54 (2006.01); **B05B 11/00** (2006.01); **B65D 83/14** (2006.01); **F16K 1/46** (2006.01)

CPC (source: EP US)

B05B 11/105 (2023.01 - EP); **B65D 83/54** (2013.01 - EP US); **B65D 83/752** (2013.01 - US); **B05B 11/105** (2023.01 - US); **B65D 83/752** (2013.01 - EP)

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 3085734 A1 20200313; **FR 3085734 B1 20210101**; BR 112021004267 A2 20210525; CN 112739627 A 20210430; CN 112739627 B 20230328; EP 3849921 A1 20210721; EP 3849921 B1 20221102; JP 2022500326 A 20220104; JP 7427674 B2 20240205; US 2022048696 A1 20220217; WO 2020053508 A1 20200319

DOCDB simple family (application)

FR 1858131 A 20180911; BR 112021004267 A 20190909; CN 201980058897 A 20190909; EP 19787017 A 20190909; FR 2019052062 W 20190909; JP 2021537513 A 20190909; US 201917274913 A 20190909