

Title (en)

DOSAGE SYSTEM AND METHOD FOR PREPARING A CLEANING MIXTURE

Title (de)

DOSIERSYSTEM UND VERFAHREN ZUR HERSTELLUNG EINER REINIGUNGSMISCHUNG

Title (fr)

SYSTÈME DE DOSAGE ET PROCÉDÉ DE PRÉPARATION D'UN MÉLANGE NETTOYANT

Publication

EP 4044891 A1 20220824 (EN)

Application

EP 20793831 A 20201016

Priority

- NL 2024044 A 20191018
- DE 202020102386 U 20200429
- IT 202000001987 U 20200429
- NL 2020050636 W 20201016

Abstract (en)

[origin: WO2021075964A1] A dosage system (10) for delivering a predetermined amount and type of cleaning concentrate (C) to a solvent (S) inside (20v) a fluid tank (20). A pod holder (11) is configured to form an inner volume (11v) for holding a pod (30) containing the cleaning concentrate (C). A connector (12) is configured to form a fluid connection (12v) between the inner volume (11v) of the pod holder (11) and the inside (20v) of the fluid tank (20). A piercing means (13t,13b) is configured to pierce the pod (30) held by the pod holder (11). A push mechanism (14) is configured to push the piercing means (13t,13b) into the inner volume (11v) of the pod holder (11) for piercing the pod (30) to release the cleaning concentrate (C) from the pod (30) via the fluid connection (12v) of the connector (12) into the inside (20v) of the fluid tank (20).

IPC 8 full level

A47L 11/40 (2006.01)

CPC (source: EP US)

A47L 11/4083 (2013.01 - EP US); **B65D 51/2821** (2013.01 - EP US)

Citation (search report)

See references of WO 2021075964A1

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)

WO 2021075964 A1 20210422; EP 4044891 A1 20220824; US 2023095949 A1 20230330

DOCDB simple family (application)

NL 2020050636 W 20201016; EP 20793831 A 20201016; US 202017769437 A 20201016