

Title (en)

DEVICE FOR DISPENSING A NON-FLUID CHEMICAL PRODUCT

Publication

**EP 0249440 A3 19880427 (EN)**

Application

**EP 87305073 A 19870609**

Priority

GB 8614083 A 19860610

Abstract (en)

[origin: EP0249440A2] A device (1) for dispensing a non-fluid chemical product can be made without the need for a spray head. This device is of the kind where the product is dispensed as a dosing liquid comprising a solution and/or dispersion thereof in a solvent, wherein the device is separated by a liquid-pervious screen (10), into an upper chamber (8) in which the product is to be held, and a lower chamber (14) provided with an inlet (14a) for the solvent and an outlet (18) for the dosing liquid. This is achieved by virtue of the inlet being connected to a mouth (16) for receiving the solvent in free space, whereby the solvent can flow into and fill the lower chamber to a level where it permeates the screen to take-up the product thereabove, whereafter it flows back into the lower chamber to exit via the outlet as the dosing liquid.

IPC 1-7

**D06F 39/02**; **A47L 15/44**

IPC 8 full level

**D06F 39/02** (2006.01); **G01F 11/28** (2006.01)

CPC (source: EP US)

**D06F 39/02** (2013.01 - EP US)

Citation (search report)

- [X] US 2317548 A 19430427 - MILLER SAMUEL J
- [X] US 2178735 A 19391107 - ROBERT BEHRMAN

Cited by

CN114197142A; EP2703544A1; US7895864B2; US8142731B2; WO2009055257A1; US7988929B2; US8313707B2

Designated contracting state (EPC)

CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

**EP 0249440 A2 19871216**; **EP 0249440 A3 19880427**; AU 597378 B2 19900531; AU 7400387 A 19871217; CA 1272889 A 19900821; GB 8614083 D0 19860716; JP S6323698 A 19880130; NZ 220558 A 19890927; ZA 874171 B 19890222

DOCDB simple family (application)

**EP 87305073 A 19870609**; AU 7400387 A 19870605; CA 538571 A 19870602; GB 8614083 A 19860610; JP 14395087 A 19870609; NZ 22055887 A 19870604; ZA 874171 A 19870630