

Title (en)

DEVICE FOR DISPENSING LIQUIDS IN THE FORM OF DROPS

Title (de)

VORRICHTUNG ZUR ABGABE VON FLÜSSIGKEITEN IN FORM VON TROPFEN

Title (fr)

DISPOSITIF POUR DISTRIBUER DES LIQUIDES SOUS FORME DE GOUTTES

Publication

EP 1761439 A1 20070314 (DE)

Application

EP 05750517 A 20050620

Priority

- EP 2005006642 W 20050620
- DE 202004009721 U 20040621

Abstract (en)

[origin: WO2005123528A1] The invention relates to a device for dispensing liquids in the form of drops using a teat that can be connected to a container by means of a connection. The inventive device comprises a passage for the liquid from the connection to an outlet, and an air admission. A liquophilic, microporous membrane having a pore size which prevents the passage of impurities is arranged inside the teat, in the flow path of the liquid. A liquophobic, microporous membrane suitable for preventing the passage of the liquid, but enabling the passage of air, is arranged in the flow path of the air admission to the container. The teat (2) comprises a second passage (16) which is fully separated from the passage (6) for the liquid and is used for the air admission to the inlet channel (18) which is connected to the container and in which the connection (4) is provided.

IPC 8 full level

B65D 47/18 (2006.01); **B67D 7/76** (2010.01); **A61F 9/00** (2006.01)

CPC (source: EP US)

B65D 47/18 (2013.01 - EP US)

Citation (search report)

See references of WO 2005123528A1

Designated contracting state (EPC)

DE GB

DOCDB simple family (publication)

DE 202004009721 U1 20040826; CA 2571633 A1 20051229; EP 1761439 A1 20070314; US 2007164051 A1 20070719;
WO 2005123528 A1 20051229

DOCDB simple family (application)

DE 202004009721 U 20040621; CA 2571633 A 20050620; EP 05750517 A 20050620; EP 2005006642 W 20050620; US 64332506 A 20061220