

Title (en)
FLUID DISPENSER

Publication
EP 0222607 A3 19870819 (EN)

Application
EP 86308723 A 19861110

Priority
GB 8527695 A 19851109

Abstract (en)
[origin: EP0222607A2] A fluid dispensing device for dispensing controlled doses of fluid from an inverted bottle (5) into a cistern, each time the cistern is flushed. The device comprises a plug member (17) which is adapted in use to be secured in the mouth of a bottle and in which is formed a product feed tube. One end of the product feed tube (55) opens into the interior of the bottle (5) and the other end defines an air trap (57). A cap member (1) is secured to the bottle (5) over the plug member (17) and between them they define a chamber which is open to the air trap (57) end of the product feed tube (55), a siphon (15) connecting the chamber to an outlet port (13) in the exterior of the fluid dispensing device and an air vent connecting the chamber to the exterior of the fluid dispensing device at a point above the outlet port (13).

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E03D 9/03

IPC 8 full level
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CPC (source: EP)
E03D 9/038 (2013.01)

Citation (search report)
• [A] US 2839763 A 19580624 - NEWSOM WILLIAM G
• [AD] US 3864763 A 19750211 - SPRANSY GEORGE B
• [AD] US 3073488 A 19630115 - KOMTER JAN M
• [AD] US 3965497 A 19760629 - CORSETTE DOUGLAS F

Cited by
ES2137882A1; EP1087067A1; DE19945598B4; WO9929971A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 0222607 A2 19870520; EP 0222607 A3 19870819; AU 584473 B2 19890525; AU 6487686 A 19870514; BR 8605541 A 19870811; DK 532486 A 19870510; DK 532486 D0 19861107; ES 1002069 U 19880601; ES 1002069 Y 19890116; GB 2182958 A 19870528; GB 2182958 B 19890125; GB 8527695 D0 19851211; GB 8626490 D0 19861203; JP S62113020 A 19870523; NZ 218213 A 19890106; PT 83703 A 19870617; ZA 868493 B 19870729; ZW 22486 A1 19870624

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EP 86308723 A 19861110; AU 6487686 A 19861106; BR 8605541 A 19861110; DK 532486 A 19861107; ES 8601132 U 19861107; GB 8527695 A 19851109; GB 8626490 A 19861105; JP 26742186 A 19861110; NZ 21821386 A 19861107; PT 8370386 A 19861107; ZA 868493 A 19861107; ZW 22486 A 19861107