

Title (en)

A cistern with a product dispenser

Title (de)

Eine Zisterne mit einem Produktpender

Title (fr)

Un réservoir avec distributeur de produit

Publication

EP 2886728 A1 20150624 (EN)

Application

EP 14382463 A 20141121

Priority

ES 201331884 A 20131220

Abstract (en)

A product dispenser to be connected to a cistern tank (4), for dispensing a certain amount of a cleaning, disinfectant or air freshening product each time the water (5) in the cistern (4) is flushed, said dispenser comprising three elements: - a dispensing mechanism (2), located inside the cistern (4), and comprising a dispensing tank (21); - an outer tank (1), attached to the outside of the cistern (4) (see Figure 1), or fixed to a wall close-by (see Figure 4); - and connection means (3) between the two previous elements, through which the product is transferred from the outer tank (2) to the dispensing tank (21) and wherein air is released in the opposite direction to the product.

IPC 8 full level

E03D 9/03 (2006.01); **E03D 9/02** (2006.01)

CPC (source: EP)

E03D 9/037 (2013.01); **E03D 2009/028** (2013.01)

Citation (applicant)

- EP 0528073 A1 19930224 - SARA LEE DE NV [NL]
- ES 1028501 U 19950116 - LAZARO CARASA JOSELUIS [ES]

Citation (search report)

- [A] US 5903930 A 19990518 - HUANG FA-TSIA [TW]
- [A] US 2726406 A 19551213 - NUNES VIERRA ANTONE
- [A] GB 2086844 A 19820519 - HEWSON BRIAN ANTHONY
- [A] US 2004216221 A1 20041104 - CHEN I-HSIEN [TW]
- [A] DE 202012004568 U1 20120622 - MITTENDORF GERNOT [DE]
- [A] EP 2434064 A1 20120328 - RIZZO M JEAN-PIERRE [FR], et al
- [A] WO 03033830 A2 20030424 - ESHEL YAIR [IL], et al
- [A] FR 2716909 A1 19950908 - LABO ECO [FR]

Cited by

FR3070992A1

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

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