

Title (en)

Liquid dosing device propelled by water pressure

Title (de)

Flussigkeitsdosiervorrichtung, getrieben durch den Druck der Wasserleitung

Title (fr)

Dispositif de dosage de liquide activé par la pression d'une conduite d'eau

Publication

EP 2853739 A1 20150401 (EN)

Application

EP 14075061 A 20140919

Priority

NL 1040412 A 20130926

Abstract (en)

Dosing device for adding a second liquid to a primary liquid in a specific proportion, consisting of a reservoir (1) in which a float (7) has been applied in such a way that it will only close the liquid supply (2) and open the liquid drainage (3) when the desired amount of primary liquid is stored in the reservoir (1) and in which the second liquid is measured by a pump, controlled by pressure changes in the supply line, and then added to the primary liquid.

IPC 8 full level

F04B 13/00 (2006.01); **E03D 9/03** (2006.01); **F04B 13/02** (2006.01); **F04B 43/02** (2006.01); **F04B 49/025** (2006.01)

CPC (source: EP US)

F04B 13/00 (2013.01 - EP); **F04B 13/02** (2013.01 - EP); **F04B 49/025** (2013.01 - EP US); **F04B 43/02** (2013.01 - EP US)

Citation (applicant)

EP 0885357 A1 19981223 - RECH ODY SOC CIV DE [FR]

Citation (search report)

- [A] WO 0166943 A1 20010913 - SPEIGHT CHRISTOPHER [AU]
- [A] DE 1528444 A1 19690710 - KELLER KG WILHELM
- [A] US 2009130532 A1 20090521 - YOKOZAWA MITSUO [JP], et al
- [A] US 2222823 A 19401126 - PARENTI JOSEPH S
- [A] FR 2565158 A1 19851206 - HEDRICH VAKUUMANLAGEN WILHELM [DE]

Cited by

EP3889429A1; US11773841B2; US12129844B2

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)

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DOCDB simple family (application)

EP 14075061 A 20140919; NL 1040412 A 20130926