

Title (en)

WATER DRAINAGE DEVICE PROVIDED WITH AN ANTI-ODOUR MOVABLE BARRIER

Title (de)

WASSERABFLUSSVORRICHTUNG, DIE MIT EINEM BEWEGLICHEN GERUCHSVERSCHLUSSVENTIL AUSGESTATTET IST

Title (fr)

DISPOSITIF D'ÉVACUATION DES EAUX MUNI D'UN CLAPET MOBILE ANTI-ODEUR

Publication

EP 3128088 A1 20170208 (FR)

Application

EP 16182331 A 20160802

Priority

FR 1557610 A 20150807

Abstract (en)

[origin: RU2731475C2] FIELD: drain devices.SUBSTANCE: device (1) comprises hollow housing (10) with drain hole (12) and an upper opening for supplying water, an odor protection device comprising a valve movable between an open position, allowing passage of water into the body of the water draining device between the water supply hole and the drain hole, and a closed position blocking the water passage and odor rise between the inlet opening and the drain hole. Device also comprises a device for holding in a closed position for holding a valve in a closed position, a magnetic means for returning to a closed position, adapted for return of movable valve to closed position, device of valve inclination, adapted for orientation of valve in open position. Holding device in closed position comprises the first magnetic element on movable valve acting together by attraction with second magnetic element interconnected with hollow housing (10) or with check valve. Magnetic means of returning to closed position comprises third magnetic element, wherein first magnetic element and third magnetic element perform force of repulsion between them. Hollow housing (10) comprises a bottom and a peripheral wall provided with a drain hole. Device of valve inclination is adapted for valve orientation relative to housing bottom. Third magnetic element is located at the bottom of hollow housing (10).EFFECT: reliability and durability of the device.8 cl, 8 dwg

Abstract (fr)

Dispositif d'évacuation des eaux comprenant un corps creux, avec un fond, une paroi périphérique munie d'un orifice d'évacuation, et une ouverture supérieure d'amenée d'eau, un dispositif anti-odeur, comprenant un clapet mobile entre une position ouverte, permettant le passage de l'eau dans le corps du dispositif d'évacuation des eaux entre l'ouverture d'amenée et l'orifice d'évacuation, et une position fermée, bloquant le passage de l'eau entre l'ouverture d'entrée et l'orifice d'évacuation, bloquant également la remontée des odeurs entre l'orifice d'évacuation et l'ouverture d'entrée, un dispositif de maintien en position fermée pour maintenir le clapet en position fermée, un moyen magnétique de rappel en position fermée, adapté pour rappeler le clapet mobile vers la position fermée, et un dispositif d'inclinaison de clapet, adapté pour orienter angulairement - incliner le clapet par rapport au fond du corps, en position d'ouverture.

IPC 8 full level

E03C 1/28 (2006.01); **E03C 1/298** (2006.01); **E03F 5/04** (2006.01)

CPC (source: EP RU)

E03C 1/28 (2013.01 - RU); **E03C 1/298** (2013.01 - EP RU); **E03F 5/04** (2013.01 - RU); **E03F 5/0408** (2013.01 - EP)

Citation (applicant)

FR 2804701 A1 20010810 - JIBEAUX MICHEL [FR]

Citation (search report)

- [XYI] CN 1594769 A 20050316 - WU JISHENG [CN]
- [A] CH 694274 A5 20041029 - URIMAT HOLDING AG [CH]
- [Y] EP 0185109 A1 19860625 - WENGER PAUL
- [A] US 2012192950 A1 20120802 - HUBER KEVIN DEAN [US]
- [Y] FR 656665 A 19290511

Cited by

CN111270746A; CN107905337A; WO2019008524A1

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Designated extension state (EPC)

BA ME

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