

Title (en)

Device for guiding air to a subterranean water conduit network under terrain

Title (de)

Vorrichtung zur Luftführung an einem sich im Gelände unterirdisch erstreckenden Wasserleitungsnetz

Title (fr)

Dispositif d'arrivée d'air sur un réseau de conduites d'eau s'étendant sous terre dans le sol

Publication

EP 2472012 A3 20150708 (DE)

Application

EP 12405001 A 20120104

Priority

CH 142011 A 20110104

Abstract (en)

[origin: EP2472012A2] The device has an air guidance assembly (1) integrated in a water plug (9) i.e. over ground water plug, for automatic air discharge in an atmosphere by the water plug of air flowing from a water supply network (97). The assembly is built into upper and lower riser pipes (92, 93) of the water plug. The assembly includes a chamber with a chamber end connected with a flow passage that is extended by a disk of the water plug. An air valve is arranged at another chamber end. The assembly is connected with a valve rod (8). A float assembly is movably guided into the chamber between the ends.

IPC 8 full level

E03B 9/02 (2006.01); **E03B 1/02** (2006.01); **E03B 7/02** (2006.01); **E03B 9/04** (2006.01); **E03B 9/08** (2006.01)

CPC (source: EP)

E03B 1/02 (2013.01); **E03B 7/02** (2013.01); **E03B 9/02** (2013.01); **E03B 9/04** (2013.01); **E03B 9/08** (2013.01)

Citation (search report)

- [X] GB 2129064 A 19840510 - YANG IUAN
- [A] DE 10127063 C1 20030116 - HEMPELMANN FRITZ [DE]
- [A] US 820940 A 19060515 - STODDARD EDGAR R [US]

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)

EP 2472012 A2 20120704; EP 2472012 A3 20150708; EP 2472012 B1 20160713; CH 704308 A2 20120713

DOCDB simple family (application)

EP 12405001 A 20120104; CH 142011 A 20110104