

Title (en)

Roof drainage apparatus and method for roof drainage

Title (de)

Dachentwässerungsanlage und Verfahren zur Dachentwässerung

Title (fr)

Dispositif de drainage de toiture et procédé de drainage de toiture

Publication

EP 1203851 B1 20030917 (DE)

Application

EP 01811047 A 20011026

Priority

CH 21412000 A 20001102

Abstract (en)

[origin: EP1203851A1] The assembly has a drainage aperture (9) connected to a down pipe (11), one part of which is permanently filled with water (12). A drainage valve (15), e.g. a regulating valve, is fitted into the down pipe at a distance to the drainage aperture, and the standing water forms a water head above the valve. This is maintained at a constant level by a fuzzy logic regulating system. A level sensor (6) is located at the top end of the down pipe, to monitor the water head.

IPC 1-7

E04D 13/04; **E04D 13/08**

IPC 8 full level

E04D 13/04 (2006.01); **E04D 13/064** (2006.01); **E04D 13/08** (2006.01)

CPC (source: EP)

E04D 13/04 (2013.01); **E04D 13/0645** (2013.01); **E04D 13/08** (2013.01); **E04D 2013/0427** (2013.01); **E04D 2013/0853** (2013.01)

Cited by

EP1607542A1; CN102400874A; DE102005012439A1; DE102005012439B4; CN109296144A; CN111236551A; CN113668783A; GB2504450A; GB2504450B; DE102005012438A1; DE102005012438B4; CN105473799A; EA035540B1; CN112982840A; FR3121695A1; WO2014209133A1; EP2369088A1; US9920533B2

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