

Title (en)

Method and device for purifying rain water

Title (de)

Verfahren und Vorrichtung zum Reinigen von Regenabwasser

Title (fr)

Méthode et dispositif pour nettoyer de l'eau pluviale

Publication

**EP 1741845 A2 20070110 (DE)**

Application

**EP 06012190 A 20060613**

Priority

CH 9982005 A 20050613

Abstract (en)

In a process to trap and discharge storm water from roads, car parks or airports, the first flush bears a higher pollution load than the subsequent second flush. The first flush is discharged directly to a discrete drain pipe (18) separate from the second flush storm water which is discharged to a second pipe (16). The first flush water bears a higher concentration of pollutants and is directed to a high-performance water treatment system, while the larger volume of second flush storm water is discharged to a filter and thence to a lake, lagoon or river. In a further embodiment the unfiltered second flush storm water is discharged to a drainage well.

IPC 8 full level

**E03F 1/00** (2006.01)

CPC (source: EP)

**E03F 1/002** (2013.01); **E03F 5/0401** (2013.01); **E03F 5/101** (2013.01); **E03F 2201/10** (2013.01)

Cited by

EP2871296A1; NL2000451C2; ITBZ20110031A1

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Designated extension state (EPC)

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DOCDB simple family (publication)

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