

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; ITBZ20110031A1; NL2000451C2

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Designated extension state (EPC)

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