

Title (en)

Installation for carrying wrongly directed thrash from a rainwater-channel into a sewer-channel

Title (de)

Anlage zum Überführen von Fehleinleitungen aus einem Regenwasserkanal in einen Schmutzwasserkanal

Title (fr)

Dispositif pour introduire des corps étrangers d'un canal d'évacuation des eaux de pluie dans un canal d'évacuation des eaux usées

Publication

EP 0535375 B1 19970305 (DE)

Application

EP 92114686 A 19920828

Priority

DE 4129208 A 19910903

Abstract (en)

[origin: EP0535375A1] The invention relates to a process for preventing wrongly directed flows out of a rainwater channel (2) from being introduced into a receiving channel. The process is characterised in that the wrongly directed flows out of the rainwater channel (2) are transferred into a waste-water channel (4). The wrongly directed flows thus do not pass into the receiving channel but are transferred to the waste-water channel (4) connected to the sewage-treatment installation. An installation for carrying out the process has a rainwater channel (2) and a waste-water channel (4) and, furthermore, a connecting line (5) therebetween having a flow slope towards the waste-water channel. A sill (18) for channelling liquid away into the connecting line is arranged in the rainwater channel, and a regulator (20) regulates the throughflow through the connecting line (5). When the water in the rainwater channel (2) exceeds a defined level, the regulator (20) blocks off said channel towards the waste-water channel (4) and opens it again when the water falls below said level. Instead of a regulator (20) a pump (34) may also be provided which conveys the liquid from the rainwater channel (2) to the waste-water channel (4). <IMAGE>

IPC 1-7

E03F 5/10

IPC 8 full level

E03F 3/02 (2006.01); **E03F 5/10** (2006.01); **E03F 5/12** (2006.01)

CPC (source: EP)

E03F 3/02 (2013.01); **E03F 5/12** (2013.01); **E03F 5/125** (2013.01); **E03F 9/007** (2013.01); **E03F 2201/10** (2013.01)

Cited by

US6719489B1; CN105201067A; NL1004453C2; CN109723130A; KR20050100504A; WO9820209A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0535375 A1 19930407; **EP 0535375 B1 19970305**; AT E149603 T1 19970315; DE 4129208 A1 19930304; DE 59208103 D1 19970410

DOCDB simple family (application)

EP 92114686 A 19920828; AT 92114686 T 19920828; DE 4129208 A 19910903; DE 59208103 T 19920828