

Title (en)

SCREENING GRID ON AN OVERFLOW SPILLWAY OF A RAINWATER RELIEF SYSTEM

Title (de)

SIEBRECHEN AN EINER ÜBERLAUFSCHWELLE EINER REGENENTLASTUNGSANLAGE

Title (fr)

GRILLE DE RETENUE SUR UN SEUIL DE DÉVERSOIR D'UN SYSTÈME D'ÉVACUATION DES EAUX DE PLUIE

Publication

EP 2038488 B1 20110406 (DE)

Application

EP 08785229 A 20080730

Priority

- EP 2008006284 W 20080730
- DE 102007036470 A 20070801

Abstract (en)

[origin: US2010200483A1] In a rotary brush screen at an overflow sill of a rainwater relief system, comprising screen bars extending transverse to the overflow sill and strippers engaging in the screen bars in a comb-like manner, the strippers are put into a curvilinearly extending, circling movement via a crank drive in accordance with the invention by means of an actuating lever in cooperation with a stationary support bearing, due to which circling movement the strippers are guided from above into the spaces between the screen bars and out again at the bottom of the overflow sill. The risk of the discharge of solids into the waters as a result of a mechanical influence on the solids during the stripping operation is reduced thereby and the operational safety is increased.

IPC 8 full level

E03F 5/12 (2006.01); **E02B 8/02** (2006.01)

CPC (source: EP US)

E02B 8/026 (2013.01 - EP US); **E03F 5/12** (2013.01 - EP US); **E03F 5/125** (2013.01 - EP US)

Citation (examination)

GB 1174915 A 19691217 - LONGWOOD ENGINEERING CO LTD

Cited by

DE102011107524A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

US 2010200483 A1 20100812; AT E504703 T1 20110415; CA 2694298 A1 20090205; DE 102007036470 A1 20090205; DE 502008003074 D1 20110519; DK 2038488 T3 20110711; EP 2038488 A1 20090325; EP 2038488 B1 20110406; WO 2009015881 A1 20090205

DOCDB simple family (application)

US 67149008 A 20080730; AT 08785229 T 20080730; CA 2694298 A 20080730; DE 102007036470 A 20070801; DE 502008003074 T 20080730; DK 08785229 T 20080730; EP 08785229 A 20080730; EP 2008006284 W 20080730