

Title (en)

SOLIDS SEPARATOR USED IN LIQUID FLOW STREAMS, TYPICALLY SEWER OVERFLOWS

Title (de)

IN FLÜSSIGKEITSSTRÖMEN, IN DER REGEL ABWASSERKANALÜBERLÄUFEN, VERWENDETER FESTSTOFFABSCHIEDER

Title (fr)

SÉPARATEUR DE SOLIDES UTILISÉ DANS DES FLUX D'ÉCOULEMENT LIQUIDES, TYPIQUEMENT DES DÉVERSOIRS D'ÉGOUTS

Publication

**EP 2078120 A1 20090715 (EN)**

Application

**EP 07815453 A 20071031**

Priority

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- AU 2006906091 A 20061101

Abstract (en)

[origin: WO2008052261A1] A solids separator for use in a sewer overflow chamber having an inlet, flow chamber and main outlet, whereby liquid, having solids entrained therein, flows from the inlet through the flow chamber to the outlet, the solids separator comprising: an overflow weir over which liquid flows during overflow into a separation chamber; a filter in the separation chamber that filters solids and allows liquid to pass through to an overflow outlet; and a return system containing a one-way valve whereby the return system flushes filtered solids back to the flow chamber and wherein the return system has a holding means for holding a sufficient amount of liquid to flush filtered solids back into the flow chamber.

IPC 8 full level

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CPC (source: EP)

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