

Title (en)

Sewage device for filtering excess fluid flows

Title (de)

Abwasservorrichtung zur Filterung von übermässigen Strömen

Title (fr)

Dispositif d'égout pour filtrer des débits excessifs

Publication

**EP 1514972 A2 20050316 (EN)**

Application

**EP 04255452 A 20040908**

Priority

GB 0321161 A 20030910

Abstract (en)

A device (1) for filtering excess fluid flows. The device comprises a vessel (2) and the vessel is provided with a floor (6), an inlet (8), a first outlet (10) and a second outlet (12), a solids removal means (28), a partition (14) and flow control means (20). The vessel 2 further includes two overflows (44,46). A first overflow (44) allows fluid to pass from an inlet side (16) to an outlet side (18) of the vessel. The second overflow (46) allows fluid to pass from the outlet side (18) to the inlet side (16). The two overflows (44,46) are arranged such that, during exceptionally high fluid flows or equipment failure, fluid entering the inlet side (16) may bypass the solids removal means (28) and overflow into the outlet side (18) via the first overflow (44). Fluid in the outlet side (18) of the vessel above a predetermined level overflows to the second outlet (12) via the second overflow (12).

IPC 1-7

**E03F 5/10**; **E03F 5/12**

IPC 8 full level

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CPC (source: EP)

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Cited by

EP1888466A4; AU2008221239B2; GB2424718A; GB2424718B; USRE45385E; WO2006133503A1; WO2008104030A1

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