

Title (en)
Sewage screening apparatus

Title (de)
Abwassersiebvorrichtung

Title (fr)
Appareil de tamisage pour eaux usées

Publication
EP 1046751 A3 20021218 (EN)

Application
EP 00303402 A 20000420

Priority
GB 9909266 A 19990423

Abstract (en)
[origin: EP1046751A2] A sewage screening apparatus (10) comprising a screen arrangement having a continuous belt screen (11) for capturing screenings contained within the sewage flow (16) to enable their subsequent removal therefrom, the screen arrangement having a head space (20) above the level of the sewage flow when in use. The apparatus further comprises a washing apparatus (43), housed within the head space (20) of the screen arrangement, into which screenings captured by the screen arrangement and an aqueous liquid are introduced. The washing apparatus (43) includes impeller means (48,) for generating turbulence within the aqueous liquid to effect washing of the screenings prior to their removal from the sewage screening apparatus (10). <IMAGE>
[origin: EP1046751A2] The device has a screen arrangement with a continuous belt screen for capturing screenings contained within the sewage flow to enable their subsequent removal. The screen arrangement has a head space above the level of the sewage flow when in use. A washing device (43) is housed within the head space into which screenings captured by the screen arrangement and an aqueous liquid are introduced. The washing device includes an impeller (48) for generating turbulence within the aqueous liquid to effect washing of the screenings prior to their removal from the sewage screening device. An independent claim is included for a screening device drive mechanism.

IPC 1-7
E02B 8/02; **E03F 5/14**

IPC 8 full level
E02B 8/02 (2006.01)

CPC (source: EP)
E02B 8/026 (2013.01)

Citation (search report)
• [YA] EP 0728512 A2 19960828 - JONES & ATTWOOD LTD [GB]
• [DYA] EP 0557030 A1 19930825 - JONES & ATTWOOD LTD [GB]
• [A] US 4812231 A 19890314 - WIESEMANN BRUCE O [US]
• [A] GB 2104402 A 19830309 - JONES & ATTWOOD LTD [GB]

Cited by
CN116329067A; CN112774277A; US8136673B2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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EP 1046751 A2 20001025; **EP 1046751 A3 20021218**; AU 3009300 A 20001026; CA 2306405 A1 20001023; GB 9909266 D0 19990616

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