

Title (en)

PROCESS AND APPARATUS FOR SEALING OFF REFUSE TIPS AND CONTAMINATED AREAS

Publication

**EP 0189158 A3 19871209 (DE)**

Application

**EP 86100669 A 19860120**

Priority

- DE 3501799 A 19850121
- DE 3525392 A 19850716
- DE 3525681 A 19850718
- DE 3532100 A 19850909

Abstract (en)

[origin: EP0189158A2] 1. A method for the sealing off of ground areas wherein a sword cutter, a metal sheet or casing or similar, provided with a cutter is drawn forward at a predetermined depth and wherein a sealing synthetic web is introduced between the ground layers separated by the sword cutter or similar, characterized in that for the sealing of existing refuse tips or contaminated areas, trenches or ditches are excavated with a lining, in that between the trenches or ditches, pipes are introduced by horizontal drilling or by so-called ground rockets which subsequently serve, directly or indirectly, to draw the sword cutter or similar forward, by the pulling and simultaneous drawing-in of pulling elements, in that the sword cutter or similar is pulled forward successively in an approximately horizontal plane, in paths that are approximately parallel and lie next to each other, in that a pulled synthetic sealing web is attached to the sword cutter or similar and in that the last sealing web introduced at any one time is sealed to the previously introduced sealing web.

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**E02D 31/00**

IPC 8 full level

**E02D 31/00** (2006.01)

CPC (source: EP)

**E02D 31/006** (2013.01)

Citation (search report)

- [A] EP 0074686 A1 19830323 - STEVIN VOLKER BETON WATER [NL]
- [A] EP 0086001 A1 19830817 - STEVIN VOLKER BETON WATER [NL]
- [A] FR 2316383 A1 19770128 - SOLETANCHE [FR], et al
- [A] GB 1051950 A

Cited by

US5542782A; US5957624A; DE3841403A1; US5765965A; US9381552B1; EP0360145A3; WO2018164593A1

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