

Title (en)
APPARATUS FOR PUTTING AN IMPERVIOUS LAYER IN THE GROUND

Publication
EP 0225963 B1 19891011 (DE)

Application
EP 86109427 A 19860710

Priority
DE 3545207 A 19851220

Abstract (en)
[origin: EP0225963A1] 1. A device for producing an impervious layer (6) in the ground (2), more particularly underneath a refuse tip (3), in which mutually parallel tunnels (4) used for drainage purposes are installed in the ground (2), a propulsion device spanning the space between adjacent tunnels (4) is moved through the ground (2) by means of motorised drives along the tunnel (4), said device is supported during this on the tunnels (4) and on its rear side the impervious layer (6) is produced in the ground (2), characterised in that the propulsion device is a driving shield (9), which, with its motorised drives, engages in longitudinal gear racks (8) on the tunnels (4), the driving shield (9) is constructed in an upward arc and with double walls behind its point (10) and the rear (15) of the driving shield (9) is constructed open for the removal of the material forming the impervious layer (6).

IPC 1-7
E02D 31/00

IPC 8 full level
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CPC (source: EP)
E02D 31/006 (2013.01)

Cited by
DE3841403A1; EP0569691A1

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EP 0225963 A1 19870624; EP 0225963 B1 19891011; AT E47182 T1 19891015; DE 3545207 A1 19870625; DE 3666252 D1 19891116

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