

Title (en)

DRAINAGE WALL BURIED IN THE GROUND

Title (de)

VORRICHTUNG EINER ENTWÄSSERUNGSMAUER IM BODEN

Title (fr)

DISPOSITIF DE MUR DRAINANT IMPLANTE DANS UN SOL

Publication

EP 0795061 B1 20000419 (FR)

Application

EP 96930210 A 19960904

Priority

- FR 9601355 W 19960904
- FR 9510386 A 19950905

Abstract (en)

[origin: WO9709486A1] A drainage wall device prevents an underground flow of water from penetrating in a ground or underground area (11) and essentially comprises drainage wells (6) connected at their ends to each other by a counter-balancing drainage gallery (8). The assembly is installed opposite the underground flow of water (10) and an axial drainage gallery (13) is added to direct the collected flow downstream of the area to be protected or of another system for hydraulically removing the water from said wall. The distance between each drainage well (6) can be relatively large. The invention is useful for protecting municipal grounds from pollution, for insulating building foundations and for storing nuclear waste in vertical storage wells.

IPC 1-7

E02D 31/02; **E02D 19/12**; **E02B 11/00**

IPC 8 full level

E02B 11/00 (2006.01); **E02D 19/12** (2006.01); **E02D 31/02** (2006.01)

CPC (source: EP)

E02B 11/00 (2013.01); **E02D 19/12** (2013.01); **E02D 31/02** (2013.01)

Designated contracting state (EPC)

BE DE ES GB GR IT SE

DOCDB simple family (publication)

WO 9709486 A1 19970313; DE 69607824 D1 20000525; DE 69607824 T2 20001109; EP 0795061 A1 19970917; EP 0795061 B1 20000419; ES 2147393 T3 20000901; FR 2738268 A1 19970307; FR 2738268 B1 19971024; RU 2169815 C2 20010627

DOCDB simple family (application)

FR 9601355 W 19960904; DE 69607824 T 19960904; EP 96930210 A 19960904; ES 96930210 T 19960904; FR 9510386 A 19950905; RU 97109346 A 19960904