

Title (en)

Method and plug for the permanent closure of a storage well.

Title (de)

Verfahren und Stopfen zum endgültigen Verschliessen eines Speicherbohrloches.

Title (fr)

Procédé et bouchon de fermeture définitive d'un puits de stockage.

Publication

EP 0475830 B1 19941130 (FR)

Application

EP 91402396 A 19910909

Priority

FR 9011184 A 19900910

Abstract (en)

[origin: EP0475830A1] The invention makes it possible to place a permanent closure plug at any depth of a well (2). The method involves using the dead weight of the elements forming the plug (11, 12) in order to ensure the installation of the latter. These elements have at least one inclined sliding surface (S), so that, when one of the elements (12) bears on a stable surface (7) of the materials to be plugged (6) in the well (2), the relative sliding of the elements (11, 12) spreads each of them towards the inner wall of the well, so as to seal off the latter completely. The invention is used for the permanent storage of radioactive waste. <IMAGE>

IPC 1-7

E21B 33/134; E21B 33/12; G21F 9/34

IPC 8 full level

E21B 23/00 (2006.01); **E21B 33/12** (2006.01); **E21B 33/134** (2006.01); **G21F 9/34** (2006.01)

CPC (source: EP)

E21B 23/00 (2013.01); **E21B 33/1208** (2013.01); **E21B 33/134** (2013.01); **G21F 9/34** (2013.01)

Cited by

CN103835609A

Designated contracting state (EPC)

CH ES LI SE

DOCDB simple family (publication)

EP 0475830 A1 19920318; **EP 0475830 B1 19941130**; ES 2066391 T3 19950301; FR 2666622 A1 19920313; FR 2666622 B1 19931231

DOCDB simple family (application)

EP 91402396 A 19910909; ES 91402396 T 19910909; FR 9011184 A 19900910