

Title (en)

Method for leaching out a cavity having a plurality of under-cavities in a thin layer of salt

Title (de)

Verfahren zum Aussolen einer Kaverne mit mehreren Unterkavernen in einer dünnen Salzschrift

Title (fr)

Procédé pour creuser une cavité formée d'un pluralité de sous-cavités dans une couche de sel de faible épaisseur

Publication

**EP 0833037 B1 20021211 (FR)**

Application

**EP 97402072 A 19970905**

Priority

FR 9611898 A 19960930

Abstract (en)

[origin: EP0833037A1] Process for hollowing out by dissolution a cavity in terrain with at least one layer (1) containing a majority of salt, with the following stages: At least one drill hole (8) is made with a horizontal section which is at least partially in the salt layer. An injection line (22) and an extraction line (24f) are inserted into the hole and a communication space (20a, 20b, 20c, 20d ) links the two lines. The salt solvent is injected into the communication space from the end of the injection line (22) which forms the injector (22a). The brine containing the solvent and the salt is extracted through the extraction line (24f). A number of outlines of under-cavities (20a, 20b, 20c are made in the salt layer and a series of isolated channels (24a, 24b) are made, connecting the under-cavities in pairs to form open circuits for solvent circulation. The under-cavities and the channels comprise the communication space.

IPC 1-7

**E21B 43/28**; **E21B 43/30**

IPC 8 full level

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CPC (source: EP US)

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