

Title (en)

Method of sealing a subterranean formation against the penetration of water

Title (de)

Verfahren zum Abdichten von unterirdischen Hohlräumen gegen Wassereintritt

Title (fr)

Procédé d'obturation d'une formation souterraine pour empêcher la pénétration d'eau

Publication

**EP 0898052 B1 20031029 (DE)**

Application

**EP 98115235 A 19980813**

Priority

- DE 19735609 A 19970815
- DE 19751257 A 19971119

Abstract (en)

[origin: EP0898052A1] After application of the concrete (14) a moisture-insensitive sealing layer is applied to it and then an elastic sealing system is placed on the dry sealing layer. The concrete is applied to the ceiling and walls of the tunnel (10), and additionally to the floor. Spray concrete is used. Before application of the elastic sealing system a flow position sealing system is applied to the sealing layer in the area of water leak positions.

IPC 1-7

**E21D 11/38**

IPC 8 full level

**E21D 11/38** (2006.01)

CPC (source: EP)

**E21D 11/383** (2013.01)

Cited by

US6767164B2; CN106194255A; EP1290313A4; CN112983499A; US6955502B2; EP1697616A4; EP1290312A4; CN104373138A; US7270150B2; US10408373B2; US6761504B1; WO0005487A1; US6793441B2

Designated contracting state (EPC)

AT CH DE ES FR GB IT LI SE

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**EP 98115235 A 19980813**; AT 98115235 T 19980813; TR 9801588 A 19980817