

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)

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DOCDB simple family (publication)

EP 0898052 A1 19990224; EP 0898052 B1 20031029; AT E253172 T1 20031115; TR 199801588 A2 19990322; TR 199801588 A3 19990322

DOCDB simple family (application)

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