

Title (en)

Lining for a tunnel and method for its attachment.

Title (de)

Tunnelauskleidung und Verfahren zu deren Anbringung.

Title (fr)

Revêtement d'un tunnel et méthode pour sa fixation.

Publication

EP 0620357 A3 19950531 (DE)

Application

EP 94810210 A 19940413

Priority

CH 112293 A 19930414

Abstract (en)

[origin: EP0620357A2] A lining for a tunnel (10) consists of a multiplicity of individual segments (13). In an advantageous embodiment, the segments (13) extend from the floor (17) almost up to the tunnel roof (19). The segments (13) have a curvature adapted to the tunnel radius. The segments (13) rest on the floor side on supports (21) and are fastened on the roof side to the girders (23) by means of the profiled rails (37). The segments (13) are in releasable engagement with the supports in such a way that they can be pivoted about the support (21) upon assembly or dismantling. The segments (13) are connected in a yielding manner to the supports (21) and girders (23). The temperature-induced expansion or contraction of the segments (13) can thereby be absorbed. The joints between the segments (13) are sealed off watertight by a sealing profile. Lighting (29) can be provided on the girders (23). <IMAGE>

IPC 1-7

E21D 11/22

IPC 8 full level

E21D 11/00 (2006.01); **E21D 11/18** (2006.01); **E21D 11/38** (2006.01)

CPC (source: EP)

E21D 11/003 (2013.01); **E21D 11/18** (2013.01); **E21D 11/38** (2013.01)

Citation (search report)

- [XAY] US 1785096 A 19301216 - PROCTOR ROBERT V
- [Y] FR 685011 A 19300703 - QUEENS SOHNE & COMP
- [A] DE 3027661 A1 19820218 - BOCHUMER EISEN HEINTZMANN [DE]

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EP0845579A1; FR2883598A1; CN110593914A; CN111828014A; CN107034916A; CN111828036A; CN111648793A; WO0151769A1

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