Title (en)
Sealing section for tunnel segments

Title (de)
Dichtungsprofil für Tunnel-Segmente

Title (fr)
Joint d'étanchéité pour segments de tunnel

Publication
EP 1302626 B1 20051207 (DE)

Application
EP 02021525 A 20020926

Priority
AT 16012001 A 20011011

Abstract (en)
[origin: EP1302626A1] Elastomeric sealing profile for tunnel segments has a cross-piece with projections which rest on the sides of the retaining groove, water-swellable sealing lips at the lower corners and several internal channels. <??>An elastomeric, rope-like sealing profile for a tunnel segment with a circumferential retaining groove, comprising a base (6), a back (7) and two sides (8). This profile also has (a) cross-piece(s) (10) between (6) and (7), which project(s) outside the main body (5) of the profile on both sides to form cantilever arms (9) which rest on the adjacent sides (4) of the retaining groove, (b) sealing lips made of water-swelling material (30, 31) along the edges of the main body (5) near, or preferably at the corners (19, 20) between base (6) and sides (8), (c) two webs (24, 25) converging together to form a triangle with the web at the back (26) and (d) another web (27) running from the apex of the triangle (formed by 24 and 25) to the base (6) so as to form a Y-shaped structure.

IPC 1-7
E21D 11/38

IPC 8 full level
E21D 11/38 (2006.01)

CPC (source: EP US)
E21D 11/385 (2013.01 - EP US); Y10S 277/906 (2013.01 - EP US); Y10S 277/921 (2013.01 - EP US); Y10S 277/934 (2013.01 - EP US)

Cited by
CN102444409A; WO2007019812A1; WO2017134420A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

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