

Title (en)
Sealing assembly for tunnel segments

Title (de)
Dichtanordnung für Tunnel-Segmente

Title (fr)
Systeme d'étanchéité pour voussoir de tunnel

Publication
EP 0982472 A1 20000301 (EN)

Application
EP 99116570 A 19990824

Priority
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Abstract (en)
An edge seal assembly (10) comprising a first member (11) having intrados (12) and extrados (13) side surfaces and a first edge (15) between the side surfaces (12, 13), and a second member (18) having intrados (19) and extrados (20) side surfaces and a second edge (21) between the side surfaces (19, 20), each of the first and second edges (15, 21) in use facing one another and at least one of the edges having a recess (24), and there being a gasket (25) receivable between the first and second edges (15, 21) and being receivable in part, in the recess (24) characterised in that the thickness of the gasket (25) decreases from a thicker region which is positioned more closely adjacent the intrados (12, 19) or extrados (13, 20) side surfaces, to a thinner region (27) which is positioned more closely adjacent to the extrados (13, 20) or intrados (12, 19) side surfaces respectively.

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E21D 11/38

IPC 8 full level
E21D 11/38 (2006.01)

CPC (source: EP)
E21D 11/385 (2013.01)

Citation (applicant)
GB 2197917 A 19880602 - BENFORD EDWARD JOHN

Citation (search report)
• [A] DE 19519244 A1 19951207 - PHOENIX AG [DE]
• [A] EP 0306581 A1 19890315 - JOINT FRANCAIS [FR]
• [A] DE 3934198 A1 19910418 - PHOENIX AG [DE]
• [A] EP 0534277 A1 19930331 - PHOENIX AG [DE]
• [A] GB 2241973 A 19910918 - COSTAIN BUILDING PROD [GB]
• [A] DE 8521040 U1 19850912
• [A] WO 9107571 A1 19910530 - DAETWYLER AG [CH]
• [A] EP 0741231 A1 19961106 - TRELLEBORG BAKKER B V [NL]
• [A] FR 2305584 A1 19761022 - RUHRKOHLE AG [DE]
• [A] CH 686383 A5 19960315 - DOTWYLER AG SCHWEIZERISCHE KAB [CH]
• [A] FR 2712655 A1 19950524 - TUYAUX BONNA [FR]

Cited by
CN102733828A; US2024011289A1; WO2021110686A1; EP2666959B1; EP2666959A1

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