

Title (en)
SEALING ASSEMBLY FOR TUNNEL CONSTRUCTION SECTIONS

Title (de)
DICHTANORDNUNG FÜR TUNNELBAUSEGMENTE

Title (fr)
DISPOSITIF D'ETANCHEITE POUR SEGMENTS DE TUNNEL

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Abstract (en)
[origin: WO0175270A1] The invention relates to a sealing assembly consisting of at least: two abutting components and a sealing profile (10, 11) produced from an elastomeric material, which bridges the gap between the two components to form a seal; said components are configured in particular as sections which are assembled into a tubular tunnel thus forming transverse and longitudinal joints, whereby the abutting side of each section is provided with at least one continuous recess that covers all abutting sides of the section and a sealing profile (10, 11) being located in turn in each recess, thus forming a cornered sealing framework; a lubricant (14) for the contact surfaces (13) between each component and the sealing profile, in particular for the contact surfaces between two sealing profiles (10, 11). The inventive sealing assembly is characterized in that at least one sealing profile (10, 11) is provided with at least two protrusions (12) in the vicinity of the contact surfaces (13). Said protrusions form a sealed chamber, in which the lubricant is contained (14).

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