

Title (en)
SEALING ARRANGEMENT FOR SHAFT AND TUNNEL CONSTRUCTIONS

Title (de)
DICHTANORDNUNG FÜR SCHACHT- UND TUNNELBAUTEN

Title (fr)
SYSTÈME D'ÉTANCHÉITÉ POUR PUITS ET TUNNELS

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Abstract (en)
[origin: WO2011063804A2] The invention relates to a sealing arrangement for shaft and tunnel constructions. The aim of the present invention is to improve the sealing of gaps between components of shaft and tunnel constructions, in particular if the components are misaligned. For this purpose, the invention provides a sealing arrangement for shaft and tunnel constructions, wherein a) the sealing arrangement (1) comprises at least two components (2), which lie against each other at butt sides (3) so as to form a gap (4), b) the components (2) have an elastic sealing profile (5) on each butt side (3), and c) the sealing profiles (5) of the butt sides (3) that lie against each other lie against each other on a contact plane (6) and bridge the gap (4) in a sealing manner. The sealing arrangement is characterized in that each of the sealing profiles (5) has areas (7, 8) of different hardness arranged in alternation in the transverse direction (9) perpendicular to the respective profile longitudinal plane (10), the sealing profiles (5) of butt sides (3) that lie against each other differing from each other in the arrangement of the areas (7, 8) of different hardness in the transverse direction (9).

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