

Title (en)

CLOSURE SEALS AND METHOD FOR CLOSING UNDERGROUND CAVITIES

Title (de)

VERSCHLUSSSTOPFEN UND VERFAHREN ZUM VERSCHLIESSEN VON UNTERTÄGIGEN HOHLRÄUMEN

Title (fr)

BOUCHON DE FERMETURE ET PROCEDE DE FERMETURE DE CAVITES SOUTERRAINES

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Application

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Abstract (en)

[origin: WO03033878A1] The invention concerns a closure seal for an underground cavity, consisting of a static abutment adjacent to the underground cavity and closing it, with a fill work formed with a cohesive material, adjacent to the static abutment and including a first water permeability kf(1) and an auxiliary abutment at least partly water permeable adjacent to the fill work. The invention also concerns a method for producing such a closure seal. The invention aims at homogenizing the water flow which the cohesive matter causes to well up. According to the invention, a least a layer of another material is placed inside the fill work made of cohesive material such that said layer is placed at an angle between 60 and 90 DEG relative to a water penetrating direction. The other material has a water permeability kf(2) which is higher by at least an order of magnitude than the water permeability kf(1).

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