

Title (en)

MINE SHAFT LINER PLATE SYSTEM AND METHOD

Title (de)

SYSTEM UND VERFAHREN FÜR EINE VERKLEIDUNGSPLATTE EINES BERGBAUSCHACHTS

Title (fr)

SYSTÈME DE TÔLES DE REVÊTEMENT POUR PUITS DE MINE ET PROCÉDÉ DE REVÊTEMENT

Publication

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Application

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Abstract (en)

[origin: WO2011097201A2] A liner plate structure, system and method is provided for lining of mine shaft bores, tunnels and the like. The liner plate structure includes a primary plate portion and at least one flange disposed at a side edge of the primary plate portion. A thermoplastic fusion element extends along an exterior surface of the flange. A liner structure within a shaft or tunnel includes at least first and second liner plate members assembled together, the liner plate members formed of metal plate material having respective metal surfaces in contact with each other along a plate joint. A thermoplastic fusion seal arrangement is located along the plate joint. A method of lining a mine shaft bore includes: providing a plurality of liner plate members, each liner plate member having a curved shape; assembling a first set of liner plate members into a first ring structure; assembling a second set of liner plate members into a second ring structure; mounting the second ring structure in abutting contact with the first ring structure; and forming at least one seal between the first ring structure and the second ring structure.

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