

Title (en)

REINFORCEMENT SYSTEM FOR THE CONCRETE LINING OF THE INNER SHELL OF A TUNNEL CONSTRUCTION

Title (de)

BEWEHRUNGSSYSTEM FÜR DEN BETONAUSBAU DER INNENSCHALE EINES TUNNELGEBÄUDES

Title (fr)

SYSTÈME D'ARMATURE POUR LA CONSTRUCTION EN BÉTON DE LA COQUE INTÉRIEURE D'UN OUVRAGE DE TUNNEL

Publication

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Application

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Abstract (en)

[origin: CA3072965A1] The invention relates to a self-supporting reinforcement system for the concrete lining of the inner shell of a tunnel construction. The object of the invention is that of supporting the outer shell (15) or rock wall of a tunnel construction. According to the invention, this is achieved by tension brackets (4) or tension rings, formed from one or more bracket segments (23, 24) made of individual reinforcing steel bars, M-shaped tensioning support bodies (2) having a connecting region to the tension brackets, and support arms for the supporting bracing, establishing the spacing with respect to an outer shell (15) or rock wall, of the bracket and spacers on the tensioning support bodies (2) and between the outer layer (19) and an inner layer (20) of the reinforcement.

IPC 8 full level

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