

Title (en)
Building and civil engineering structure

Title (de)
Ausbau für Hoch- und Tiefbau

Title (fr)
Démontage pour le domaine du BTP et du génie civil

Publication
EP 2594736 A1 20130522 (DE)

Application
EP 12005838 A 20120812

Priority
• DE 102011118625 A 20111116
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Abstract (en)
The device has a seal designed as a polyethylene-plastic foam layer (4), and an anchor formed in stable mountain. The foam layer is fastened to the anchor by fasteners, where the fasteners are arranged at outer and inner sides of the foam layer, respectively. A sprayed concrete layer (3) is formed at the inner side of the foam layer. The foam layer is formed from channels, where channel edges are connected with connection profiles in a sealing manner. The channel edges lie in an overlapping manner in a connection area and run in a circumferential direction of a tunnel.

Abstract (de)
Nach der Erfindung finden beim Spritzbeton-Ausbau im Tunnelausbau Schaumschichten als Wärmeisolierung und Abdichtung Anwendung, die zwischen Befestigern am Gebirge gehalten werden. Dabei setzen sich die Schaumschichten aus Bahnen zusammen, die am Rand gegeneinander gestoßen werden und mittels Verbindungsprofilen aneinander und in der gewünschten Position gehalten werden.

IPC 8 full level
E21D 11/38 (2006.01); **E21D 21/00** (2006.01)

CPC (source: EP)
E21D 11/383 (2013.01); **E21D 21/00** (2013.01)

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Designated contracting state (EPC)

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