

METHOD AND EQUIPMENT FOR THE INSTALLATION OF A POWER CABLE IN A TUNNEL

ABSTRACT

The present disclosure relates to a method and an equipment for installing a single power cable span (100) in a tunnel (103) having an entrance (106) and an exit (107).

At the tunnel entrance (106) a trolley (8) is connected in a slidable manner on a rail (1) longitudinally extending along the tunnel (103), is joined to a pulling rope (5) and to the single cable span (100), and is moved along the rail (1) by pulling the pulling rope (5). After a predetermined length (L) another trolley (8) is joined. At the tunnel exit (107) the trolley (8) is disconnected from the pulling rope (5) and from the single cable span (100) and removed from the rail (1). Finally, at least the trolley (8) nearest to the tunnel exit (107) is locked on the rail (1) inside the tunnel (103).

Figure: 3c