

Title (en)  
Self-propelled equipment to bore in tunnels.

Title (de)  
Selbstfahrende Vorrichtung zum Bohren in Tunneln.

Title (fr)  
Dispositif autopropulsé pour forage dans les tunnels.

Publication  
**EP 0424779 A1 19910502 (EN)**

Application  
**EP 90119798 A 19901016**

Priority  
IT 8349389 A 19891026

Abstract (en)  
Self-propelled equipment to bore in tunnels, which comprises the following operational units: - a tracked vehicle (11) bearing a revolvable turret (12) with a control stand (34), the turret being able to revolve by 360 DEG , - a pair of support structures (14) connected to the opposite ends of the turret (12) and retractably (16) anchored thereto (12), - telescopic columns (20) actuated by rotation and displacement means (17-18-19) connected to the support structures (14), - a boring device (15) connected to the telescopic columns (20) and bearing a drilling head (22) for a boring shaft (23) and reinforcements, - means (33) to monitor the displacement and rotation of the telescopic columns (20), and - a service crane (36) secured to the turret (12).

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**E21B 7/02**; **E21D 20/00**

IPC 8 full level  
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Citation (search report)  
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