

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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E21B 19/084 (2013.01 - EP); **E21D 5/00** (2013.01 - KR); **E21D 20/003** (2013.01 - EP)

Citation (search report)
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