

Title (en)  
ROOF BOLTING METHOD

Publication  
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Application  
**EP 86306475 A 19860821**

Priority  
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Abstract (en)  
[origin: EP0216506A1] This invention discloses the addition of automatic roof bolting equipment (8,11) to continuous mining equipment (3) designed to mine seams of material such as trona or coal where it is necessary to place roof bolts to prevent collapse of the roof or overburden above the desired mineral being mined while the continuous miner is advancing into the seam of mineral or coal. The roof bolting apparatus allows the bolting operation to take place while the miner continues mining and is ideally performed by the miner operator.

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**E21D 20/00**

IPC 8 full level  
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Cited by  
EA034425B1; US6698529B2; US2010221071A1; AT410002B; CN113494302A; CN102713144A; US2013106167A1; EA022139B1; AU2010317206B2; US6785988B2; WO0220946A1; WO2017125126A1; WO2011057603A3

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