

Title (en)  
ELONGATE MINE SUPPORT

Publication  
**EP 0142280 A3 19860521 (EN)**

Application  
**EP 84307040 A 19841015**

Priority  
• ZA 837657 A 19831014  
• ZA 838633 A 19831118  
• ZA 8443 A 19840104  
• ZA 84824 A 19840203

Abstract (en)  
[origin: EP0142280A2] An elongate mine support comprising a timber pole (2) with a metal sleeve (3) reinforcement therearound has circumferential weaknesses (4) in the sleeve for assisting controlled collapse of the sleeve when the support is under axial load. The circumferential weaknesses may be formed between the adjacent edges of separate sleeves (29). The separate sleeves (35) may each be belled at its lower end so as to slip each one over the next lower sleeve during a controlled collapse of the support. The weaknesses (8) may be spirally formed and so as to be capable of being torn off to assist in shortening the support. The weaknesses (44) or (52) may be formed as corrugations.

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**E21D 15/02**

IPC 8 full level  
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CPC (source: EP)  
**E21D 15/02** (2013.01); **E21D 15/14** (2013.01)

Citation (search report)  
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• [A] EP 0028496 A1 19810513 - MINE SUPPORT SYST PTY LTD [ZA]  
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**EP 0142280 A2 19850522; EP 0142280 A3 19860521**; AU 3425384 A 19850418; AU 582127 B2 19890316; CA 1231843 A 19880126; NZ 209882 A 19860314; ZW 16784 A1 19850227

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