

Title (en)  
COLLAPSIBLE ELONGATE MINE SUPPORT

Publication  
**EP 0130770 A3 19860514 (EN)**

Application  
**EP 84304291 A 19840625**

Priority  

- ZA 834618 A 19830624
- ZA 834619 A 19830624
- ZA 837625 A 19831013
- ZA 837657 A 19831014
- ZA 838465 A 19831114
- ZA 84824 A 19840203

Abstract (en)  
[origin: EP0130770A2] A mine support comprises a length of timber pole (1) with wood removed to form longitudinally extending and tapering planar strips (2) spaced circumferentially around it. The adjacent edges of the planar surfaces do not need to undercut the pole circumference, and a reinforcing sleeve (6) is fitted over the pole against the pole surface around and between the planar surfaces.

IPC 1-7  
**E21D 15/14**; **E21D 15/02**

IPC 8 full level  
**E21D 15/14** (2006.01)

CPC (source: EP)  
**E21D 15/14** (2013.01)

Citation (search report)  

- [A] GB 2080364 A 19820203 - HUNT LEUCHARS & HEPBURN LTD
- [A] EP 0028496 A1 19810513 - MINE SUPPORT SYST PTY LTD [ZA]
- [A] DE 1088905 B 19600915 - RHEINSTAHL GMBH WANHEIM
- [A] GB 2081340 A 19820217 - BROWN ALLAN HENRY GEORGE
- [A] GB 2096203 A 19821013 - LONGWALL MINING EQUIPMENT PROP
- [A] US 1642603 A 19270913 - CONWAY MARTIN J
- [A] GB 2077808 A 19811223 - LONGWALL MINING EQUIPMENT PROP

Cited by  
CN103133020A

Designated contracting state (EPC)  
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0130770 A2 19850109**; **EP 0130770 A3 19860514**; CA 1218534 A 19870303; ZW 9984 A1 19840919

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**EP 84304291 A 19840625**; CA 457371 A 19840625; ZW 9984 A 19840622