

Title (en)  
DEVICE FOR MINING A MATERIAL

Publication  
**EP 0270522 B1 19910925 (DE)**

Application  
**EP 87890280 A 19871204**

Priority  
• AT 34187 A 19870217  
• AT 325186 A 19861205

Abstract (en)  
[origin: WO8804354A1] An open cast mining device with a cantilever arm (6) that can pivot around an essentially horizontal axis carries a support or tool carriage (10) capable of transversely sliding with respect to the longitudinal axis (11) of the cantilever arm (6) and on which tools are rotatively mounted. For that purpose, the head (9) of the cantilever arm (6) and the tool carriage or support (10) carry guiding bars (12 and 13, respectively) linked to each other by means of an intermediate member (14). The sliding movement is effected by hydraulic cylinder piston aggregates (25, 27) arranged between the intermediate member (14) and the head (9) or between the intermediate member (14) and the support (10).

IPC 1-7  
**E21C 47/00**; **E21D 9/10**

IPC 8 full level  
**E21C 47/10** (2006.01); **E21D 9/10** (2006.01)

CPC (source: EP US)  
**E21C 47/10** (2013.01 - EP US); **E21D 9/1013** (2013.01 - EP US)

Cited by  
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Designated contracting state (EPC)  
DE ES FR GB GR IT

DOCDB simple family (publication)  
**EP 0270522 A2 19880608**; **EP 0270522 A3 19880907**; **EP 0270522 B1 19910925**; AU 597460 B2 19900531; AU 8337687 A 19880630; DE 3773345 D1 19911031; ES 2025703 T3 19920401; GR 3003168 T3 19930217; US 4884848 A 19891205; WO 8804354 A1 19880616

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**EP 87890280 A 19871204**; AT 8700074 W 19871204; AU 8337687 A 19871204; DE 3773345 T 19871204; ES 87890280 T 19871204; GR 910401797 T 19911121; US 25170688 A 19880822