

Title (en)
Mobile work apparatus

Title (de)
Fahrbares Arbeitsgerät

Title (fr)
Machine de travaux mobile

Publication
EP 1077306 A3 20021009 (DE)

Application
EP 00116456 A 20000729

Priority
DE 19938578 A 19990818

Abstract (en)
[origin: EP1077306A2] The mobile mining work apparatus has a movement mechanism frame (10) and a work intermediary arm (18) along which a boring, ramming or similar tool can move. The movement frame has a chain running mechanism (12) which supports a rotatable upper carriage (14). The work intermediary arm is supported by the movement frame via a support mechanism (16). The support mechanism has two spaced apart support guides (20,24), the first ends of which are connected via first spaced rotary bearings (22,26) with the movement frame and their second ends via second spaced rotary bearings (30,32) with an intermediate guide (34). The intermediate guide, via a third rotary bearing (50), is connected with the work intermediary arm and via a fourth rotary bearing (52) supports a neck support arrangement (54), which with its free end, via a fifth rotary bearing (56) engages on the work intermediary arm.

IPC 1-7
E21B 15/04; **E21B 15/00**; **E21B 7/02**

IPC 8 full level
E21B 7/02 (2006.01); **E21B 15/04** (2006.01)

CPC (source: EP US)
E21B 7/028 (2013.01 - EP US); **E21B 15/04** (2013.01 - EP US)

Citation (search report)
• [XY] DE 19514288 A1 19961024 - DELMAG MASCHINENFABRIK [DE]
• [XY] DE 3905596 A1 19900830 - DELMAG MASCHINENFABRIK [DE]
• [Y] EP 0680923 A1 19951108 - CATERPILLAR INC [US]
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WO2022228833A1; EP1983147A3; EP2146027A1; EP4083327A1; US8046959B2

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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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