

Title (en)
Mobile work apparatus

Title (de)
Fahrbares Arbeitsgerät

Title (fr)
Machine de travaux mobile

Publication
EP 1077306 B1 20061011 (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 8 full level
E21B 15/04 (2006.01); **E21B 7/02** (2006.01); **E21B 15/00** (2006.01)

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

Cited by
WO2022228833A1; EP1983147A3; EP2146027A1; EP4083327A1; US8046959B2

Designated contracting state (EPC)
DE IT

DOCDB simple family (publication)
EP 1077306 A2 20010221; **EP 1077306 A3 20021009**; **EP 1077306 B1 20061011**; CA 2316494 A1 20010218; DE 19938578 A1 20010222; DE 50013592 D1 20061123; US 6405492 B1 20020618

DOCDB simple family (application)
EP 00116456 A 20000729; CA 2316494 A 20000815; DE 19938578 A 19990818; DE 50013592 T 20000729; US 63861800 A 20000815