

Title (en)
Boring ram.

Title (de)
Rammbohrgerät.

Title (fr)
Mouton de forage.

Publication
EP 0362481 B1 19940316 (DE)

Application
EP 89111905 A 19890630

Priority
DE 3833882 A 19881005

Abstract (en)
[origin: EP0362481A2] In a boring ram having a percussion piston (2) which is axially moveable in a housing (1) and is controlled in its movement by a control tube (3) connected to a compressed-air hose (6) and mounted in an elastic intermediate piece (4) arranged in the housing (1), in which the elastic intermediate piece (4) is arranged on the control tube (3) and/or in the housing (1), assembly of the intermediate piece (4) is simplified. In addition, less damage occurs at the housing (1), control tube (3) and compressed-air hose (6), and the control tube (3) is also easier to assemble and dismantle. <IMAGE>

IPC 1-7
E21B 4/14; E21B 7/26

IPC 8 full level
E21B 4/14 (2006.01); **E21B 11/02** (2006.01)

CPC (source: EP US)
E21B 4/145 (2013.01 - EP US)

Cited by
EP0578942A1

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EP 0362481 A2 19900411; **EP 0362481 A3 19910130**; **EP 0362481 B1 19940316**; DE 3833882 A1 19900412; DE 3833882 C2 19960704; JP 2672369 B2 19971105; JP H02108786 A 19900420; US 5074364 A 19911224

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EP 89111905 A 19890630; DE 3833882 A 19881005; JP 16246489 A 19890623; US 36001789 A 19890601