

Title (en)
PNEUMATIC BORING RAM

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EP 0263281 B1 19901024 (DE)

Application
EP 87112220 A 19870822

Priority
DE 3634579 A 19861010

Abstract (en)
[origin: US4840234A] A pneumatic ram boring machine (12) has an air-permeable hollow cylinder (2) with a sound absorbing and/or oil separating packing (9, 11) arranged in the exhaust air stream of the machine.

IPC 1-7
B25D 17/12; E21B 4/14; E21B 7/20; E21B 7/26; E21B 21/00; F01N 1/10

IPC 8 full level
E21B 11/02 (2006.01); **B25D 17/12** (2006.01); **E21B 4/14** (2006.01); **E21B 7/20** (2006.01); **E21B 7/26** (2006.01); **E21B 21/00** (2006.01); **F01N 1/08** (2006.01); **F01N 1/10** (2006.01)

CPC (source: EP US)
B25D 17/12 (2013.01 - EP US); **E21B 4/145** (2013.01 - EP US); **E21B 7/206** (2013.01 - EP US); **E21B 21/002** (2013.01 - EP US); **F01N 1/082** (2013.01 - EP US); **Y10S 173/02** (2013.01 - EP US)

Cited by
FR2659111A1; US5377551A; EP0694675A1; FR2659112A1; WO9112987A1

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DOCDB simple family (publication)
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