

Title (en)

Pneumatic percussion mechanism

Title (de)

Pneumatisches Schlagwerk

Title (fr)

Mécanisme de percussion à ressort pneumatique

Publication

EP 1375077 A3 20040204 (DE)

Application

EP 03405286 A 20030423

Priority

DE 10219950 A 20020503

Abstract (en)

[origin: US2003205393A1] A pneumatic percussive mechanism having an axially reciprocating percussive loaded percussion piston (2), wherein a non-contacting magnetic field sensitive sensor (3) is arranged radial thereto. The percussion piston (2) features at least externally ferromagnetic material and has a plurality of axially separated zones (4) of different magnetic permeability.

IPC 1-7

B25D 17/06; **B25D 9/00**

IPC 8 full level

B25D 9/02 (2006.01); **B25D 13/00** (2006.01); **B25D 17/06** (2006.01)

CPC (source: EP US)

B25D 17/06 (2013.01 - EP US); **B25D 2217/0019** (2013.01 - EP US); **B25D 2217/0023** (2013.01 - EP US); **B25D 2250/141** (2013.01 - EP US); **B25D 2250/221** (2013.01 - EP US)

Citation (search report)

- [Y] US 5806609 A 19980915 - STOECK MAXIMILIAN [CH], et al
- [Y] US 6253460 B1 20010703 - SCHMITZ GEOFFREY W [US]

Cited by

CN104334316A; EP1607186A1; US10350742B2; WO2013174594A1

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DOCDB simple family (publication)

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