

Title (en)  
Percussion tool

Title (de)  
Werkzeug mit zugeordnetem Schlagwerkzeuggerät

Title (fr)  
Outil de percussion

Publication  
**EP 1174225 B1 20070919 (DE)**

Application  
**EP 01810684 A 20010709**

Priority  
DE 10034742 A 20000717

Abstract (en)  
[origin: EP1174225A1] The tool has a hammer tool device (1) with tool head (4) which is rotationally secured with the tool shaft and is movable axially restricted and which with regards to its impedance is adapted acoustically to the fly piston (5) of the hammer tool. The abutting end faces (10) are in at least partial surface contact with each other. The acoustic length of the tool head is half the length of the shock pulse (7) excited by the piston.

IPC 8 full level  
**B25D 17/06** (2006.01); **E21B 10/36** (2006.01); **B25D 9/04** (2006.01); **B25D 17/02** (2006.01); **B25D 17/08** (2006.01); **E21B 4/06** (2006.01); **E21B 7/24** (2006.01); **E21B 10/38** (2006.01); **E21B 17/00** (2006.01); **E21B 17/07** (2006.01)

CPC (source: EP US)  
**B25D 17/02** (2013.01 - EP US); **E21B 4/06** (2013.01 - EP US); **E21B 7/24** (2013.01 - EP US); **E21B 10/38** (2013.01 - EP US); **E21B 17/076** (2013.01 - EP US)

Cited by  
WO2014188459A1; ITTO20130402A1; EP1267033A1; EP2465644A1; ITTO20101023A1

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CH DE FR GB LI NL SE

DOCDB simple family (publication)  
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