

Title (en)
DRILLING HAMMER AND/OR PERCUSSIVE HAMMER HAVING A TOOL HOLDING FIXTURE

Title (de)
BOHR- UND/ODER SCHLAGHAMMER MIT WERKZEUGAUFNAHME

Title (fr)
MARTEAU PERFORATEUR ET/OU MARTEAU PERCUTEUR MUNI D'UN RACCORD D'OUTIL

Publication
EP 1694471 A1 20060830 (DE)

Application
EP 04820805 A 20041124

Priority
• EP 2004013349 W 20041124
• DE 10360008 A 20031219

Abstract (en)
[origin: WO2005063450A1] A device for a drilling hammer and/or percussive hammer has a tool holding fixture (21) for holding a tool (22) and for transmitting a torque to the tool (22). A component of the tool holding fixture (21) consists of a hollow cylindrical tool holder (33), which has an insertion opening (34) for an insertion end (30) of the tool, and has an impact opening (35), via which a percussive action can be applied to the insertion end (30). A stopping surface (38), which is stationary with regard to the tool holder (33) and which acts in an axial direction of the tool holder (33), is provided in the tool holder (33) in the area of the impact opening (35). The tool holding fixture is particularly suited for insertion ends (30) according to the SDS-max standard.

IPC 8 full level
B25D 17/08 (2006.01)

CPC (source: EP US)
B25D 17/088 (2013.01 - EP US); **B25D 2217/0042** (2013.01 - EP US); **Y10T 279/17051** (2015.01 - EP US); **Y10T 279/17068** (2015.01 - EP US)

Citation (search report)
See references of WO 2005063450A1

Designated contracting state (EPC)
CH DE ES IT LI SE

DOCDB simple family (publication)
DE 10360008 A1 20050714; **DE 10360008 B4 20060406**; CN 100445044 C 20081224; CN 1856388 A 20061101;
DE 502004003363 D1 20070510; EP 1694471 A1 20060830; EP 1694471 B1 20070328; ES 2281028 T3 20070916; JP 2007514554 A 20070607;
US 2007163794 A1 20070719; US 7661484 B2 20100216; WO 2005063450 A1 20050714

DOCDB simple family (application)
DE 10360008 A 20031219; CN 200480027602 A 20041124; DE 502004003363 T 20041124; EP 04820805 A 20041124;
EP 2004013349 W 20041124; ES 04820805 T 20041124; JP 2006544250 A 20041124; US 59633404 A 20041124