

Title (en)
Motor-driven hammer drill

Title (de)
Motorisch angetriebener Bohrhammer

Title (fr)
Perceuse motorisée à percussion

Publication
EP 1787761 B1 20100106 (DE)

Application
EP 05024979 A 20051116

Priority
EP 05024979 A 20051116

Abstract (en)
[origin: EP1787761A1] The drilling hammer has a percussion and rotary drive disposed in a housing. A drill sleeve (14) is disposed in the housing and cooperates with the percussion and rotary drive, and with a tool or chuck for receiving the tool. A spring (32) connected to an outer periphery of the drill sleeve has an elastomeric material (34) with a wall thickness of 1-10 millimeter. A damping mass is held by the spring for deflection of the damping mass relative to the drill sleeve in a peripheral and longitudinal direction of the drill sleeve due to an elasticity of the spring.

IPC 8 full level
B25D 17/24 (2006.01)

CPC (source: EP US)
B25D 17/24 (2013.01 - EP US); **B25D 2217/0092** (2013.01 - EP US); **B25D 2222/57** (2013.01 - EP US)

Cited by
WO2012045504A1; US10836610B2; EP3325395B1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1787761 A1 20070523; EP 1787761 B1 20100106; AT E454248 T1 20100115; CN 101181784 A 20080521; CN 101181784 B 20100512; DE 502005008837 D1 20100225; US 2007107920 A1 20070517

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