

Title (en)

DRILL HAMMER AND/OR CHIPPING HAMMER DEVICE

Title (de)

BOHR- UND/ODER MEIßELHAMMERVORRICHTUNG

Title (fr)

DISPOSITIF À MARTEAU PERFORATEUR ET/OU À MARTEAU BURINEUR

Publication

EP 2473320 A1 20120711 (DE)

Application

EP 10732989 A 20100716

Priority

- DE 102009029055 A 20090901
- EP 2010060318 W 20100716

Abstract (en)

[origin: WO2011026683A1] The invention relates to a drill hammer and/or chipper hammer device having a hammer mechanism (10a; 10b; 10c; 10d) comprising a drive unit, and having a transmission unit (12a; 12b; 12c; 12d) for transmitting a drive torque from a motor (14a) to the hammer mechanism (10a; 10b; 10c; 10d), wherein the transmission unit (12a; 12b; 12c; 12d) comprises at least one planetary drive (16a; 16b; 18b; 16c; 16d), and a drive element (28a; 28b; 28c; 28d) of the drive unit is disposed on a transmission element of the planetary drive (16a; 16b; 18b; 16c; 16d).

IPC 8 full level

B25D 11/12 (2006.01); **B25D 16/00** (2006.01)

CPC (source: EP US)

B25D 11/125 (2013.01 - EP US); **B25D 16/003** (2013.01 - EP US); **B25D 2211/003** (2013.01 - EP US); **B25D 2250/165** (2013.01 - EP US)

Citation (search report)

See references of WO 2011026683A1

Citation (examination)

- DE 102004051911 A1 20060427 - BOSCH GMBH ROBERT [DE]
- EP 1955823 A1 20080813 - HILTI AG [LI]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

DE 102009029055 A1 20110310; CN 102481687 A 20120530; CN 102481687 B 20160309; EP 2473320 A1 20120711; RU 2012112629 A 20131020; RU 2550469 C2 20150510; US 10183390 B2 20190122; US 2012186842 A1 20120726; WO 2011026683 A1 20110310

DOCDB simple family (application)

DE 102009029055 A 20090901; CN 201080038939 A 20100716; EP 10732989 A 20100716; EP 2010060318 W 20100716; RU 2012112629 A 20100716; US 201013393378 A 20100716