

Title (en)  
Impact mechanism

Title (de)  
Schlagwerk

Title (fr)  
Mécanisme de percussion

Publication  
**EP 2674257 A1 20131218 (DE)**

Application  
**EP 13163651 A 20130415**

Priority  
DE 102012209875 A 20120613

Abstract (en)  
The striking mechanism has a striker (14a) and a driver element (16a) for transmitting the position of the striker. The driver element is provided parallel to the direction of impact (18a), and is fixed to the striker against the direction of impact. The striker has a driving contour (20a) on which the driver element is supported directly. The driving contour is formed integrally with the striker. The driver element is provided on a control sleeve (22a) and/or a spacer sleeve (24a) in the striking position.

Abstract (de)  
Die Erfindung geht aus von einem Schlagwerk, insbesondere für einen Bohr- und/oder Schlaghammer (12a,b), mit einem Schlagbolzen (14a,b) und mit zumindest einem Mitnehmerelement (16a,b) zur Übertragung einer Schlagbolzenposition. Es wird vorgeschlagen, dass das Mitnehmerelement (16a,b) parallel zu einer Schlagrichtung (18a,b) in und entgegen der Schlagrichtung (18a,b) fest mit dem Schlagbolzen (14a,b) gekoppelt ist.

IPC 8 full level  
**B25D 17/06** (2006.01); **B25D 11/00** (2006.01); **B25D 17/24** (2006.01)

CPC (source: EP)  
**B25D 11/005** (2013.01); **B25D 17/06** (2013.01); **B25D 17/24** (2013.01); **B25D 2217/0015** (2013.01); **B25D 2217/0019** (2013.01); **B25D 2222/57** (2013.01); **B25D 2250/035** (2013.01); **B25D 2250/131** (2013.01); **B25D 2250/371** (2013.01)

Citation (search report)

- [XA] DE 102006056848 A1 20080605 - BOSCH GMBH ROBERT [DE]
- [XA] WO 2010069647 A1 20100624 - BOSCH GMBH ROBERT [DE], et al
- [XA] CH 588632 A5 19770615 - BOSCH GMBH ROBERT
- [IA] EP 2452784 A1 20120516 - HILTI AG [LI]
- [A] WO 2011131597 A1 20111027 - BOSCH GMBH ROBERT [DE], et al

Cited by  
EP4389355A1; EP3132897A1; US10500706B2

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 RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2674257 A1 20131218**; **EP 2674257 B1 20161026**; CN 103481246 A 20140101; CN 103481246 B 20170419;  
DE 102012209875 A1 20131219

DOCDB simple family (application)  
**EP 13163651 A 20130415**; CN 201310232663 A 20130613; DE 102012209875 A 20120613