

Title (en)  
ELECTRICALLY DRIVEN HAMMER

Publication  
**EP 0421121 A3 19910925 (DE)**

Application  
**EP 90116558 A 19900829**

Priority  
DE 3932814 A 19890930

Abstract (en)  
[origin: EP0421121A2] In an electrically driven hammer, in particular a percussion riveter, the assembly expenditure, in particular of the electrical components, is to be reduced. For this purpose, the on/off switch (17) traditionally located in the handle (7) is moved to the housing (2) located opposite to the handle and is operated by thumb and forefinger. This has the advantage that no electrical components are accommodated inside the handle (7) any more. The switch (17) is connected to a locking handle (16) which is displaceable transversely to the axis (6) of the tool receptacle (5) for switching on and off. All electrical and electronic components such as motor (3), switch (17), electronics (31) and mains connection cable (32) are integrated in a motor module (36). As a result, the electrical components are also better protected in the case of an impact of the hammer.  
<IMAGE>

IPC 1-7  
**B25D 11/00**

IPC 8 full level  
**B23B 45/16** (2006.01); **B25D 11/00** (2006.01); **B25D 17/04** (2006.01)

CPC (source: EP)  
**B25D 11/00** (2013.01); **B25D 17/04** (2013.01); **B25D 2250/265** (2013.01)

Citation (search report)  
• [A] US 3456743 A 19690722 - BADCOCK DAVID NORMAN WILLIAM  
• [A] DE 3610682 A1 19871001 - BOSCH GMBH ROBERT [DE]  
• [AD] DE 3404962 A1 19850814 - BOSCH GMBH ROBERT [DE]

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