

Title (en)  
DRILL AND/OR IMPACT HAMMER

Publication  
**EP 0473908 A3 19920520 (DE)**

Application  
**EP 91111631 A 19910712**

Priority  
DE 4026946 A 19900825

Abstract (en)  
[origin: EP0473908A2] In a drill or impact hammer, the grease-filled gear space (3) is to be separated reliably and permanently from the motor space. As a seal on the armature shaft (9) of the motor (8), there is proposed a conveying spiral (16) which conveys grease which has advanced towards the gear-side bearing (10) back upwards again into the grease chamber (3). The bearing (10) is preferably additionally sealed by sealing washers (11). The seal, according to the invention, of the armature shaft (9) is completely free of wear, does not generate any heat and requires no special surface quality on the sealing faces. <IMAGE>

IPC 1-7  
**B25D 11/00**; **F16J 15/16**

IPC 8 full level  
**B25D 11/00** (2006.01); **B25D 17/00** (2006.01); **B25D 17/26** (2006.01); **F16J 15/16** (2006.01)

CPC (source: EP)  
**B25D 17/00** (2013.01); **B25D 17/26** (2013.01)

Citation (search report)  
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• [Y] EP 0049719 A1 19820421 - CRANE HOUDAILLE JOHN INC [US]  
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Designated contracting state (EPC)  
CH DE FR GB LI

DOCDB simple family (publication)  
**EP 0473908 A2 19920311**; **EP 0473908 A3 19920520**; **EP 0473908 B1 19950322**; DE 4026946 A1 19920227; DE 59104985 D1 19950427

DOCDB simple family (application)  
**EP 91111631 A 19910712**; DE 4026946 A 19900825; DE 59104985 T 19910712