

Title (en)  
Hammer drilling machine

Title (de)  
Bohrhammer

Title (fr)  
Foreuse à percussion

Publication  
**EP 1000712 A3 20030205 (DE)**

Application  
**EP 99121944 A 19991108**

Priority  
DE 19851888 A 19981111

Abstract (en)  
[origin: EP1000712A2] The hammer drill has an activator shell forming a cavity for the air cushion in which a striker piston is moved reciprocally by a swashplate drive device. The side of the swashplate (42) diametrically opposite the activator shell has a weight body (50) which can be forced to move reciprocally by the swashplate linearly and parallel to the drill bit axis.

IPC 1-7  
**B25D 16/00**; **B25D 11/06**

IPC 8 full level  
**B23B 45/16** (2006.01); **B25D 16/00** (2006.01); **B25D 17/24** (2006.01)

CPC (source: EP US)  
**B25D 16/00** (2013.01 - EP US); **B25D 17/24** (2013.01 - EP US); **B25D 2211/061** (2013.01 - EP US); **B25D 2217/0088** (2013.01 - EP US)

Citation (search report)  
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• [A] GB 2048753 A 19801217 - HILTI AG  
• [A] DE 3427342 A1 19860130 - BOSCH GMBH ROBERT [DE]

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EP2540449A1; EP3646918A1; CN102105273A; CN105377510A; EP2230051A1; EP1892062A3; CN104249349A; CN102848354A; EP2540448A3; RU2606140C2; EP3235599A4; US9321163B2; US8403075B2; WO2005092575A1; WO2009077241A1; US7588097B2; US7857074B2; US8245791B2; WO2008006634A1; WO2007077946A3; WO2010012521A1; WO2008010468A1

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