

Title (en)
Rotary hammer

Title (de)
Bohrhammer

Title (fr)
Marteau rotatif

Publication
EP 0891831 B1 20020213 (EN)

Application
EP 98305568 A 19980714

Priority
DE 19731602 A 19970718

Abstract (en)
[origin: EP0891831A1] A rotary hammer with a hammer housing and a hammer mechanism provided therein has a tool holder (40) releasably fitted onto the front section of the hammer spindle (6) for receiving a hammer bit (41) with limited axial movement and non-rotatably. Arranged coaxially with respect to the section of the hammer spindle is a drill spindle (30), beyond the front end of which the section of the hammer spindle (6) receiving the tool holder (40) projects, and to which a drill chuck (42) for receiving an insert tool without axial displacement can be releasably and non-rotatably attached. The drill spindle (30) is driven by an additional rotary drive which operates when the electric motor is actuated, and the rotational speed of the drill spindle (30) is higher than the rotational speed of the hammer spindle (6) . <IMAGE>

IPC 1-7
B23B 45/00; **B23B 45/02**

IPC 8 full level
B23B 45/00 (2006.01); **B23B 45/02** (2006.01); **B23B 45/16** (2006.01); **B25D 16/00** (2006.01)

CPC (source: EP)
B25D 16/006 (2013.01); **B25D 2216/0023** (2013.01)

Cited by
CN105033318A; US7354230B2; AU2007203350B2; CN102152282A; GB2439186A; GB2439186B; US7533889B2; WO2006010669A1; US7726664B2; US7896357B2

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