

Title (en)
Percussive tool with fluid-pressure drive

Title (de)
Fluidbetriebenes Schlagwerk

Title (fr)
Marteau à coup actionné hydrauliquement

Publication
EP 1136189 A3 20030813 (DE)

Application
EP 01105981 A 20010310

Priority
DE 10013270 A 20000317

Abstract (en)
[origin: EP1136189A2] The hammer mechanism is arranged so that the striking piston (3) is made immobile if in normal operation (long or short stroke) the run-out setting in the working stroke direction (3e) has overrun a set part of its travel up to adopting an idling stroke setting. The cavity of the working cylinder (2) also has an idling stroke inlet (20a).

IPC 1-7
B25D 9/14; **B25D 9/26**

IPC 8 full level
B25D 17/10 (2006.01); **B25D 9/04** (2006.01); **B25D 9/14** (2006.01); **B25D 9/26** (2006.01); **F15B 11/15** (2006.01); **F15B 15/14** (2006.01)

CPC (source: EP US)
B25D 9/14 (2013.01 - EP US); **B25D 9/265** (2013.01 - EP US)

Citation (search report)
• [A] FR 2584968 A1 19870123 - MONTABERT ETS [FR]
• [A] US 5860481 A 19990119 - PROKOP HEINZ-JUERGEN [DE], et al
• [A] US 5775441 A 19980707 - SAKURAGI MASAKI [JP], et al
• [A] US 3241622 A 19660322 - LENNART OTTOSSON CARL OTTO, et al

Cited by
CN105710845A

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1136189 A2 20010926; **EP 1136189 A3 20030813**; **EP 1136189 B1 20040512**; AT E266503 T1 20040515; DE 10013270 A1 20010920; DE 50102232 D1 20040617; ES 2218294 T3 20041116; JP 2001315074 A 20011113; JP 4891484 B2 20120307; US 2001022229 A1 20010920; US 6334495 B2 20020101

DOCDB simple family (application)
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