

Title (en)  
Multipurpose portable electrical appliances

Title (de)  
Vielseitige tragbare Elektrogeräte

Title (fr)  
Appareils électroportatifs polyvalents

Publication  
**EP 2033742 B1 20100818 (FR)**

Application  
**EP 08358009 A 20080902**

Priority  
FR 0706238 A 20070906

Abstract (en)  
[origin: EP2033742A2] The appliance has a tool (1) e.g. chain saw, actuated by an electric actuator (2), and a battery (3) for providing energy needed to run the tool. A Bluetoothtype communication system allows exchange of information between the tool and the battery, where the battery and the tool are connected to one another. The system adapts operating parameters of the tool based on characteristics of the battery and/or operating parameters of the battery based on the operating parameters of the tool. The battery is selected from a group of batteries such as lithium ion battery, lithium ion polymer battery, lithium manganese battery, lithium cobalt battery or lithium alloy battery.

IPC 8 full level  
**B25F 3/00** (2006.01); **B25F 5/00** (2006.01); **H02J 7/00** (2006.01)

CPC (source: EP US)  
**B25F 3/00** (2013.01 - EP US)

Cited by  
EP2521206A1; EP3023201A1; EP2635411A4; EP2681013A4; US2010043234A1; CN104094782A; CN104115686A; ITPD20110144A1; US9878432B2

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 2033742 A2 20090311; EP 2033742 A3 20090617; EP 2033742 B1 20100818**; AT E477889 T1 20100915; AU 2008322760 A1 20090522; AU 2008322760 B2 20150423; BR PI0816447 A2 20150303; CA 2697234 A1 20090522; CA 2697234 C 20150707; CN 101784373 A 20100721; CN 101784373 B 20121017; CY 1110916 T1 20150610; DE 602008002189 D1 20100930; DK 2033742 T3 20101108; ES 2350562 T3 20110125; FR 2920683 A1 20090313; FR 2920683 B1 20100212; HK 1141760 A1 20101119; HR P20100570 T1 20101130; JP 2010540258 A 20101224; JP 5613052 B2 20141022; KR 101502521 B1 20150313; KR 20100075477 A 20100702; MX 2010001272 A 20100601; NZ 584289 A 20121130; PL 2033742 T3 20110228; PT 2033742 E 20101021; RU 2010112999 A 20111020; RU 2449883 C2 20120510; SI 2033742 T1 20110131; US 2012118595 A1 20120517; WO 2009063144 A2 20090522; WO 2009063144 A3 20090709

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