

Title (en)
ELECTRIC TOOL

Title (de)
ELEKTROWERKZEUG

Title (fr)
OUTIL ÉLECTRIQUE

Publication
EP 2759379 A4 20160831 (EN)

Application
EP 12833482 A 20120802

Priority
• JP 2011206211 A 20110921
• IB 2012001481 W 20120802

Abstract (en)
[origin: EP2759379A1] This electric tool is provided with: a battery pack (1) that includes a battery cell; and an electric tool main body (3) in which a driving unit (4) is driven by power supplied from the battery pack (1). The electric tool main body (3) is provided with a controller (5) that controls the driving unit (4). The battery pack (1) is provided with: a rated voltage storage unit (12) at which information of a rated voltage of the battery pack is stored; a rated voltage information output unit (13) that outputs the information of the rated voltage stored at the rated voltage storage unit to the controller (5); a battery temperature detection unit (14) that detects the temperature of the battery cell (11); and a detected temperature output unit (15) that outputs the temperature value detected by the battery temperature detection unit (14) to the controller (5). The controller (5) limits the output of the driving unit (4) when the temperature value of the battery cell (11) exceeds a temperature threshold value determined in accordance with the rated voltage.

IPC 8 full level
B25F 5/00 (2006.01)

CPC (source: EP)
B25F 5/00 (2013.01)

Citation (search report)
• [A] US 2006091858 A1 20060504 - JOHNSON TODD W [US], et al
• [A] WO 2011096582 A2 20110811 - HITACHI KOKI KK [JP], et al
• [A] EP 2246157 A1 20101103 - MAKITA CORP [JP]
• [A] EP 1825964 A1 20070829 - MATSUSHITA ELECTRIC WORKS LTD [JP]
• See references of WO 2013041927A1

Cited by
EP4140659A1; EP3278935A3; US10232476B2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2759379 A1 20140730; EP 2759379 A4 20160831; EP 2759379 B1 20180103; CN 103813887 A 20140521; CN 103813887 B 20151007; JP 2013066959 A 20130418; JP 5793674 B2 20151014; WO 2013041927 A1 20130328

DOCDB simple family (application)
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