

Title (en)  
ELECTRIC TOOL

Title (de)  
ELEKTROWERKZEUG

Title (fr)  
OUTIL ÉLECTRIQUE

Publication  
**EP 2674260 A4 20180411 (EN)**

Application  
**EP 12744315 A 20120206**

Priority  
• JP 2011024117 A 20110207  
• JP 2012052595 W 20120206

Abstract (en)  
[origin: EP2674260A1] An electric tool of the present invention includes a transmission for switching a reduction ratio between a motor as a rotational power source and an output unit rotatably driven by the motor. The electric tool further includes a driving state detecting means detecting at least two driving states, of driving states that vary in response to a magnitude of a load when the output unit is driven, and a controlling means making the transmission switch the reduction ratio when the at least two driving states detected by the driving state detecting means satisfy predetermined conditions preset for the respective driving states.

IPC 8 full level  
**B25B 23/14** (2006.01); **B25F 5/00** (2006.01)

CPC (source: EP)  
**B25B 21/00** (2013.01); **B25B 21/008** (2013.01); **B25B 23/147** (2013.01)

Citation (search report)  
• [X] EP 2030710 A2 20090304 - POSITEC POWER TOOLS SUZHOU CO [CN]  
• [A] JP H1190845 A 19990406 - MATSUSHITA ELECTRIC WORKS LTD  
• [A] US 6758783 B1 20040706 - CHEN TING-KUANG [TW]  
• See references of WO 2012108375A1

Cited by  
IT202100010217A1; IT202100010208A1; IT202100010190A1

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 2674260 A1 20131218; EP 2674260 A4 20180411; EP 2674260 B1 20211027**; CN 103459097 A 20131218; CN 103459097 B 20150826; JP 2012161882 A 20120830; JP 5331136 B2 20131030; WO 2012108375 A1 20120816

DOCDB simple family (application)  
**EP 12744315 A 20120206**; CN 201280008039 A 20120206; JP 2011024117 A 20110207; JP 2012052595 W 20120206