

Title (en)
POWER TOOL

Title (de)
ELEKTROWERKZEUG

Title (fr)
OUTIL ÉLECTRIQUE

Publication
EP 2674262 A4 20170510 (EN)

Application
EP 12744616 A 20120206

Priority
• JP 2011024116 A 20110207
• JP 2012052588 W 20120206

Abstract (en)
[origin: EP2674262A1] A power tool includes: a motor that serves as a rotational power source and is rotatable in a normal rotation direction and a reverse rotation direction; an output unit that is driven by the motor to be rotated; and a transmission that is located between the motor and the output unit and switches a reduction ratio. The power tool further includes a control means. The control means makes the transmission perform switching operation of the reduction ratio in response to a workload, and changes an initial reduction ratio in the transmission when work is started, in response to a rotation direction of the motor. The initial reduction ratio is set as the reduction ratio in an initial setting.

IPC 8 full level
B25F 5/00 (2006.01); **B25B 21/00** (2006.01); **B25B 23/14** (2006.01)

CPC (source: EP)
B25B 21/008 (2013.01); **B25F 5/00** (2013.01)

Citation (search report)
• [A] WO 2010134431 A1 20101125 - MAKITA CORP [JP], et al
• [A] US 2009277658 A1 20091112 - CHEN CHENGZHONG [CN]
• [A] EP 1510299 A2 20050302 - MATSUSHITA ELECTRIC WORKS LTD [JP]
• See references of WO 2012108372A1

Cited by
EP3120975A1; US9270211B2; US10998805B2

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 2674262 A1 20131218; EP 2674262 A4 20170510; EP 2674262 B1 20180404; CN 103442854 A 20131211; CN 103442854 B 20160810; JP 2012161881 A 20120830; JP 5559718 B2 20140723; WO 2012108372 A1 20120816

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