

Title (en)
HAND TOOL

Title (de)
HANDWERKZEUG

Title (fr)
OUTIL À MAIN

Publication
EP 2142343 A1 20100113 (DE)

Application
EP 08708786 A 20080207

Priority
• EP 2008051506 W 20080207
• DE 102007014756 A 20070328

Abstract (en)
[origin: US2009321102A1] The invention relates to a hand tool (1), particularly electric hand tool, having a drive (5), a tool shaft (3), a first overload clutch (14) and a transmission (6), which comprises a first and at least one second gear wheel unit (7, 8), said gear wheel units being operable alternatively to transmit torque. According to the invention, at least one second overload clutch (18) is provided and is permanently and exclusively operatively connected to the first gear wheel unit (7).

IPC 8 full level
B25F 5/00 (2006.01)

CPC (source: EP US)
B25F 5/001 (2013.01 - EP US)

Citation (search report)
See references of WO 2008116689A1

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

DOCDB simple family (publication)
US 2009321102 A1 20091231; AT E540783 T1 20120115; CN 101657301 A 20100224; CN 101657301 B 20130313;
DE 102007014756 A1 20081002; EP 2142343 A1 20100113; EP 2142343 B1 20120111; JP 2010522644 A 20100708; JP 5080635 B2 20121121;
WO 2008116689 A1 20081002

DOCDB simple family (application)
US 30422708 A 20080207; AT 08708786 T 20080207; CN 200880010297 A 20080207; DE 102007014756 A 20070328;
EP 08708786 A 20080207; EP 2008051506 W 20080207; JP 2010500163 A 20080207