

Title (en)  
ELECTRIC TOOL AND ATTACHMENT

Title (de)  
ELEKTROWERKZEUG UND AUFSATZ

Title (fr)  
OUTIL ÉLECTRIQUE ET ÉLÉMENT DE FIXATION

Publication  
**EP 3689552 A4 20201104 (EN)**

Application  
**EP 18862012 A 20180928**

Priority  
• JP 2017191888 A 20170929  
• JP 2018036287 W 20180928

Abstract (en)  
[origin: EP3689552A1] An object of the present disclosure is to provide an electric tool with the ability to reduce the chances of its tool body being electrically affected by a failure in its attachment and also provide an attachment. An electric tool (10) includes a tool body (20) and an attachment (30) to be attached removably to the tool body (20). The attachment (30) includes: an operating unit (32) to operate with electric power supplied from the tool body (20); and a limiting unit (33) to limit supply of the electric power from the tool body (20) to the operating unit (32) when a failure occurs in the attachment (30).

IPC 8 full level  
**B25F 5/00** (2006.01); **B23Q 11/00** (2006.01); **B25D 17/18** (2006.01); **H02H 3/08** (2006.01)

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

Citation (search report)  
• [X] US 2015362398 A1 20151217 - BARTHO FRANK [DE], et al  
• [A] EP 2905866 A1 20150812 - MAKITA CORP [JP]  
• [A] US 2014009857 A1 20140109 - SUZUKI TOSHIYUKI [JP]  
• See also references of WO 2019065978A1

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3689552 A1 20200805; EP 3689552 A4 20201104**; JP 2019063929 A 20190425; JP 7108911 B2 20220729; WO 2019065978 A1 20190404

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**EP 18862012 A 20180928**; JP 2017191888 A 20170929; JP 2018036287 W 20180928