

Title (en)  
MULTISPEED POWER TOOL

Title (de)  
LEISTUNGSWERKZEUG MIT MEHREREN GESCHWINDIGKEITEN

Title (fr)  
OUTIL ÉLECTRIQUE MULTIVITESSE

Publication  
**EP 3572190 B1 20220406 (EN)**

Application  
**EP 19170612 A 20190423**

Priority  
US 201815986999 A 20180523

Abstract (en)  
[origin: EP3572190A1] A tool with a transmission assembly having a reduction gearset and a speed selector. The speed selector has a member, an actuator and a shifter assembly. The member is movable between a first position, in which the member is non-rotatable, and a second position in which the member is coupled to a planet carrier of the reduction gearset for common rotation. The actuator includes a pivoting yoke and a follower that is coupled to the yoke. The follower engages the member so as to be axially movable with the follower. The shifter assembly has a selector switch, a switch fork, and a pair of springs. The selector switch is slidable between a first switch position and a second switch position. The switch fork is slidably coupled to the selector switch and receives the yoke. The springs cooperate to bias the switch fork relative to the selector switch into a neutral position.

IPC 8 full level  
**B25F 5/00** (2006.01); **B25B 21/02** (2006.01)

CPC (source: EP)  
**B25B 21/00** (2013.01); **B25F 5/001** (2013.01)

Cited by  
US11964375B2

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 3572190 A1 20191127; EP 3572190 B1 20220406**

DOCDB simple family (application)  
**EP 19170612 A 20190423**