

Title (en)

TOOL UNIT HAVING A DEVICE FOR SWITCHING BETWEEN A FIRST AND A SECOND GEAR RATIO BY CHANGING THE DIRECTION OF ROTATION

Title (de)

WERKZEUGGERÄT MIT EINER VORRICHTUNG ZUM SCHALTEN ZWISCHEN EINER ERSTEN UND ZWEITEN ÜBERSETZUNGSSTUFE DURCH DREHRICHTUNGSUMKEHR

Title (fr)

MACHINE-OUTIL COMPRENANT UN DISPOSITIF POUR PASSER ENTRE UN PREMIER ET UN DEUXIÈME RAPPORT D'ENGRENAGE PAR INVERSION DU SENS DE ROTATION

Publication

**EP 2794194 A2 20141029 (DE)**

Application

**EP 12812988 A 20121221**

Priority

- DE 102011089771 A 20111223
- EP 2012076615 W 20121221

Abstract (en)

[origin: US2013165292A1] A power tool including a drive with a drive input motor and a drive input shaft that can be rotated by the drive motor in a forward direction and in a backward direction around a drive input rotational axis, including a driven component with a drive output shaft that can be rotated in a direction of movement, including a planetary gear arranged between the drive input shaft and the drive output shaft, having several planetary gear components that are configured as a sun gear, a planet carrier, a planet wheel and a ring gear wheel, whereby the drive input shaft is non-rotatably coupled to a first planetary gear component, and including a device for switching between a first and a second transmission stage of the planetary gear.

IPC 8 full level

**B25F 5/00** (2006.01)

CPC (source: EP US)

**B23Q 5/142** (2013.01 - US); **B25F 5/001** (2013.01 - EP US); **F16H 3/005** (2013.01 - EP US); **F16H 3/44** (2013.01 - US)

Citation (search report)

See references of WO 2013092989A2

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**US 2013165292 A1 20130627**; DE 102011089771 A1 20130627; EP 2633958 A2 20130904; EP 2633958 A3 20140702; EP 2794194 A2 20141029; RU 2012155568 A 20140627; RU 2014130119 A 20160210; US 2014335989 A1 20141113; WO 2013092989 A2 20130627; WO 2013092989 A3 20140717

DOCDB simple family (application)

**US 201213692365 A 20121203**; DE 102011089771 A 20111223; EP 12193331 A 20121120; EP 12812988 A 20121221; EP 2012076615 W 20121221; RU 2012155568 A 20121221; RU 2014130119 A 20121221; US 201214367572 A 20121221