

Title (en)
RUN-OFF SAFETY DEVICE

Title (de)
ABLAUFSICHERUNGSVORRICHTUNG

Title (fr)
DISPOSITIF ANTI-DESSERRAGE

Publication
EP 2552645 B1 20140806 (DE)

Application
EP 11703444 A 20110210

Priority

- DE 102010013102 A 20100329
- EP 2011051928 W 20110210

Abstract (en)
[origin: WO2011120730A1] The invention is based on a run-off securing device, in particular a run-off securing device of a handheld power tool, to avoid running off of a clamping element (12a) and/or a tool (14a) from a spindle (16a), having at least one transmission unit (18a; 18b), which is intended for being removably coupled to the spindle (16a) and has at least one first transmission element (20a; 20b) and at least one second transmission element (22a; 22b), which is movable in relation to the first transmission element (20a; 20b). It is proposed that the transmission unit (18a; 18b) should have at least one movement changing unit (24a; 24b), which is intended for at least partially transforming a first relative movement between the first transmission element (20a; 20b) and the second transmission element (22a; 22b) into a second relative movement in a braking mode.

IPC 8 full level
B24B 23/02 (2006.01); **B24B 45/00** (2006.01); **B24B 55/00** (2006.01)

CPC (source: EP US)
B24B 23/028 (2013.01 - EP US); **B24B 45/006** (2013.01 - EP US); **B24B 55/00** (2013.01 - EP US); **Y10T 279/34** (2015.01 - EP US)

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)
DE 102010013102 A1 20110929; CN 102834222 A 20121219; CN 102834222 B 20170711; EP 2552645 A1 20130206;
EP 2552645 B1 20140806; RU 2012145736 A 20140510; RU 2571666 C2 20151220; US 2013009368 A1 20130110; US 9033767 B2 20150519;
WO 2011120730 A1 20111006

DOCDB simple family (application)
DE 102010013102 A 20100329; CN 201180016807 A 20110210; EP 11703444 A 20110210; EP 2011051928 W 20110210;
RU 2012145736 A 20110210; US 201113636308 A 20110210