

Title (en)

ROTARY TOOL HOLDER ASSEMBLY AND METHOD OF CHANGING A TOOL

Title (de)

HALTERANORDNUNG FÜR EIN ROTIERENDES WERKZEUG UND VERFAHREN ZUM WERKZEUGWECHSEL

Title (fr)

ENSEMBLE PORTE-OUTIL ROTATIF ET PROCÉDÉ DE CHANGEMENT D'UN OUTIL

Publication

EP 3253520 A1 20171213 (EN)

Application

EP 16702792 A 20160201

Priority

- GB 201501912 A 20150205
- GB 2016050218 W 20160201

Abstract (en)

[origin: GB2534907A] A rotary tool holder assembly (2) having a tool receiving bore 34 and a gripping means, the gripping means comprising at least one tool gripping arm 32 mounted on the outer rim support 31 and is movable relative to the rim between a gripping position, in which off centre sprag forces can act on a carried tool, and a release position. The gripping means also comprises at least one wedge portion 41 arranged to act on the gripping arm and for axial movement relative to the outer rim support. Axial movement of the wedge portion in the first direction moves the gripping arm towards the gripping position. The gripping means also comprises biasing means 5 for biasing said wedge portion towards the first direction. A movable mass portion may also be included, arranged to move under action of centrifugal forces and so move the gripping arm into a gripping position.

IPC 8 full level

B23B 31/14 (2006.01); **B23B 31/12** (2006.01)

CPC (source: EP GB KR US)

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Citation (search report)

See references of WO 2016124900A1

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BA ME

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