

Title (en)

Methods for sharpening, in particular sharpening knives of a knife ring flaker

Title (de)

Verfahren zum Schärfen, insbesondere Nachschärfen von Messern eines Messerringzerspaners

Title (fr)

Procédé d'aiguisage, en particulier l'aiguisage ultérieur de lames d'un déchiqueteur à aubage

Publication

EP 2556921 A3 20160525 (DE)

Application

EP 12175930 A 20120711

Priority

DE 102011052529 A 20110809

Abstract (en)

[origin: EP2556921A2] The method involves fastening multiple knife holders (9) at a rotating knife ring (2). Knives (6) are held at the holders by clamping. The knives to be sharpened are advanced in/at the holders without releasing the clamping, and subsequently ground by a grinding device i.e. belt grinding device, in an advanced position. Clamping plates of the holders are connected with holding plates by clamping screws (10). The knives are fixed between the holding plates and the clamping plates by the clamping screws. The knives are polished in the advanced position upto a preset management measure. An independent claim is also included for a device for resharpening knives of a knife ring flaker.

IPC 8 full level

B23Q 3/155 (2006.01); **B24B 3/36** (2006.01); **B24B 21/00** (2006.01); **B24B 27/00** (2006.01); **B26D 7/12** (2006.01); **B27L 11/00** (2006.01)

CPC (source: EP)

B24B 3/363 (2013.01); **B24B 21/006** (2013.01); **B24B 27/0069** (2013.01); **B26D 7/12** (2013.01)

Citation (search report)

- [XII] DE 19629668 C1 19980102 - PALLMANN KG MASCHF [DE]
- [XD] DE 4316514 C2 19960208 - PALLMANN KG MASCHF [DE]

Cited by

CN112775791A; CN112497075A

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 2556921 A2 20130213; **EP 2556921 A3 20160525**; CN 103056732 A 20130424; CN 103056732 B 20151118;
DE 102011052529 A1 20130214

DOCDB simple family (application)

EP 12175930 A 20120711; CN 201210281761 A 20120809; DE 102011052529 A 20110809