

Title (en)

DEVICE AND METHOD FOR SHARPENING ROTARY KNIVES

Title (de)

VORRICHTUNG UND VERFAHREN ZUM SCHLEIFEN VON ROTATIONSMESSERN

Title (fr)

DISPOSITIF ET PROCÉDÉ D'AFFÛTAGE DE LAMES ROTATIVES

Publication

EP 3001823 B1 20171213 (DE)

Application

EP 14750716 A 20140808

Priority

- DE 102013217137 A 20130828
- EP 2014067080 W 20140808

Abstract (en)

[origin: WO2015028285A1] The invention relates to a device for sharpening rotary knives, in particular sickle knives or circular knives, in particular for a machine for slicing food products, which have at least two segments, having at least one receptacle on which at least one segment is fittable, at least one sharpening tool, wherein the sharpening tool and the segment fitted in the receptacle are movable relative to one another such that a cutting edge extending along the periphery of the segment can be sharpened by the sharpening tool, a measuring device for detecting the profile of the cutting edge of at least one segment, and a controller which is configured to use the detected cutting edge profile to control the relative movement between the sharpening tool and at least one segment.

IPC 8 full level

B24B 3/46 (2006.01); **B24B 49/04** (2006.01); **B24B 49/12** (2006.01)

CPC (source: EP)

B24B 3/463 (2013.01); **B24B 49/04** (2013.01); **B24B 49/12** (2013.01)

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)

WO 2015028285 A1 20150305; DE 102013217137 A1 20150305; EP 3001823 A1 20160406; EP 3001823 B1 20171213

DOCDB simple family (application)

EP 2014067080 W 20140808; DE 102013217137 A 20130828; EP 14750716 A 20140808