

Title (en)
DEVICE AND METHOD FOR PRODUCING AT LEAST ONE ROLLING ELEMENT AND METHOD FOR PROCESSING AT LEAST ONE CONTROL WHEEL OF THE DEVICE

Title (de)
VORRICHTUNG UND VERFAHREN ZUR FERTIGUNG MINDESTENS EINES WÄLZKÖRPERS UND VERFAHREN ZUR BEARBEITUNG MINDESTENS EINER REGELSCHIBE DER VORRICHTUNG

Title (fr)
DISPOSITIF ET PROCÉDÉ DE PRODUCTION D'AU MOINS UN CORPS DE ROULEMENT ET PROCÉDÉ D'USINAGE D'AU MOINS UN DISQUE DE RÉGLAGE DU DISPOSITIF

Publication
EP 3867008 A1 20210825 (DE)

Application
EP 19801193 A 20191016

Priority
• DE 102018125825 A 20181018
• DE 2019100900 W 20191016

Abstract (en)
[origin: WO2020078514A1] A device (1) for producing a curved lateral surface (3) on a rolling element (2) for a rolling element bearing, comprising a grinding apparatus (4) for grinding the curved lateral surface (3) and at least one retaining apparatus (6) for retaining the rolling element (2) in the case of and/or during grinding by means of the grinding apparatus (4), the at least one retaining apparatus (6) being at least one control wheel (8) having a convexly profiled peripheral feeding surface (9).

IPC 8 full level
B24B 5/37 (2006.01); **B24B 5/04** (2006.01); **B24B 5/18** (2006.01); **B24B 5/26** (2006.01); **B24B 5/307** (2006.01); **B24B 41/06** (2012.01); **B24B 53/08** (2006.01)

CPC (source: EP KR US)
B24B 5/04 (2013.01 - EP KR); **B24B 5/18** (2013.01 - EP); **B24B 5/26** (2013.01 - EP KR US); **B24B 5/307** (2013.01 - EP KR); **B24B 5/37** (2013.01 - EP KR); **B24B 41/067** (2013.01 - EP KR US); **B24B 53/081** (2013.01 - EP KR)

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)
WO 2020078514 A1 20200423; CN 112533728 A 20210319; CN 112533728 B 20230714; DE 102018125825 A1 20200423; EP 3867008 A1 20210825; EP 3867008 B1 20240403; JP 2022505248 A 20220114; JP 7179984 B2 20221129; KR 20210075062 A 20210622; US 11980996 B2 20240514; US 2021354261 A1 20211118

DOCDB simple family (application)
DE 2019100900 W 20191016; CN 201980051554 A 20191016; DE 102018125825 A 20181018; EP 19801193 A 20191016; JP 2021521209 A 20191016; KR 20217002567 A 20191016; US 201917280965 A 20191016