

Title (en)
DEVICE FOR PRODUCING A SLIGHTLY CURVED SURFACE

Title (de)
VORRICHTUNG ZUR HERSTELLUNG EINER LEICHT GEWÖLBTEN OBERFLÄCHE

Title (fr)
DISPOSITIF DE FABRICATION D'UNE SURFACE LÉGÈREMENT INCURVÉE

Publication
EP 3292954 B1 20220420 (DE)

Application
EP 17188579 A 20170830

Priority
US 201615261568 A 20160909

Abstract (en)
[origin: US2018071882A1] A device for producing a curved surface (2) of a work piece (1) includes a tool (3) and a tool holder for receiving the tool (3), the tool holder being drivable for rotation about a tool axis (4). At least one work piece holder accommodates a work piece (1). The work piece holder is drivable for rotation about a work piece axis (5). The tool axis (4) and the work piece axis (5) are positionable at an angle relative to one another. The tool axis (4) and the work piece axis (5) are positionable at an angle relative to one another. A work piece holder support (6) receives a plurality of work piece holders, the work piece holders being rotatably drivable relative to the work piece holder support (6). The work piece holder support (6) is rotatably drivable about a work piece holder support axis (7), so that based on superposed rotations of work piece holders and work piece holder support (6) and the rotating tool, the surface (2) of each work piece (1) is curved after end machining, depending on an inclination angle.

IPC 8 full level
B24B 19/26 (2006.01); **B23Q 3/04** (2006.01); **B23Q 3/06** (2006.01); **B24B 11/00** (2006.01); **B24B 19/00** (2006.01); **B24B 27/00** (2006.01); **B24B 35/00** (2006.01); **B24B 41/06** (2012.01)

CPC (source: EP US)
B24B 11/00 (2013.01 - EP US); **B24B 19/009** (2013.01 - EP US); **B24B 19/26** (2013.01 - EP US); **B24B 27/0023** (2013.01 - US); **B24B 27/0084** (2013.01 - EP US); **B24B 35/00** (2013.01 - EP US); **B24B 41/061** (2013.01 - 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)
EP 3292954 A2 20180314; **EP 3292954 A3 20180919**; **EP 3292954 B1 20220420**; US 10040162 B2 20180807; US 2018071882 A1 20180315

DOCDB simple family (application)
EP 17188579 A 20170830; US 201615261568 A 20160909