

Title (en)  
FINISHING METHOD AND FINISHING DEVICE FOR FINISH MACHINING OF ROTATIONALLY SYMMETRICAL WORKPIECE SECTIONS

Title (de)  
FINISHVERFAHREN UND FINISHVORRICHTUNG ZUR FINISHBEARBEITUNG ROTATIONSSYMMETRISCHER WERKSTÜCKABSCHNITTE

Title (fr)  
PROCÉDÉ ET DISPOSITIF DE FINITION POUR L'USINAGE DE FINITION DE PARTIES À SYMÉTRIE DE RÉVOLUTION DE PIÈCES À USINER

Publication  
**EP 2844429 A2 20150311 (DE)**

Application  
**EP 13718186 A 20130422**

Priority

- DE 102012207448 A 20120504
- EP 2013058327 W 20130422

Abstract (en)  
[origin: WO2013164218A2] In a finishing method for finish machining a rotationally symmetrical workpiece section on a workpiece, the workpiece is rotated for the finish machining about a workpiece axis and, in a workpiece section to be machined, a finishing tool equipped with cutting means is pressed with a contact pressure force against a circumferential surface of the workpiece section. In the process, a force signal proportional to the contact pressure force is determined, and a feed path of the finishing tool is controlled during at least one phase of the finishing method on the basis of the force signal.

IPC 8 full level  
**B24B 35/00** (2006.01); **B24B 49/16** (2006.01)

CPC (source: CN EP)  
**B24B 35/00** (2013.01 - CN EP); **B24B 49/16** (2013.01 - CN EP)

Citation (search report)  
See references of WO 2013164218A2

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)  
**DE 102012207448 A1 20131107**; CN 104684683 A 20150603; DE 202013012083 U1 20150305; EP 2844429 A2 20150311; EP 2844429 B1 20200101; WO 2013164218 A2 20131107; WO 2013164218 A3 20140717

DOCDB simple family (application)  
**DE 102012207448 A 20120504**; CN 201380023598 A 20130422; DE 202013012083 U 20130422; EP 13718186 A 20130422; EP 2013058327 W 20130422