

Title (en)

Method for construction of a profile grinding process

Title (de)

Verfahren zur Auslegung eines Profilschleifprozesses

Title (fr)

Procédé de conception d'un procédé de meulage de profil

Publication

**EP 2347856 A3 20150506 (DE)**

Application

**EP 11000509 A 20110122**

Priority

DE 102010005935 A 20100126

Abstract (en)

[origin: EP2347856A2] The method involves determining power demand referred on the tool (10) or on the workpiece (30) from the erosion of an air passage of the workpiece or geometry of the tool or relative feed speed between the workpiece and the tool. The determined value is compared with a technological limit value in such a manner that the infeed rate and the relative feed speed between the tool and the workpiece in dependence of the workpiece or of the tool geometry is selected in such a way that their mathematical product, is multiplied by correcting function, smaller or equal to the technological limit value.

IPC 8 full level

**B24B 1/00** (2006.01); **B24B 19/00** (2006.01)

CPC (source: EP)

**B24B 1/00** (2013.01); **B24B 19/009** (2013.01)

Citation (search report)

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- [X] US 4014142 A 19770329 - COES JR LORING
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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 2347856 A2 20110727**; **EP 2347856 A3 20150506**; **EP 2347856 B1 20180829**; DE 102010005935 A1 20110728; DE 102010005935 B4 20160504

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