

Title (en)  
Surface Finishing of Components

Title (de)  
Oberflächenbehandlung von Komponenten

Title (fr)  
Finition de surface de composants

Publication  
**EP 2886247 A1 20150624 (EN)**

Application  
**EP 13275321 A 20131218**

Priority  
EP 13275321 A 20131218

Abstract (en)  
There is provided apparatus and a method for surface finishing a component (6) which may be manufactured by additive layer manufacturing and may be of awkward shape. The apparatus includes a container (1) for the component, slurry (2) containing polishing particles and acoustic transducers (3, 4) mounted on the container and acoustically coupled to the slurry. The acoustic transducers are arranged to agitate the particles in the slurry whereby to abrade and surface finish the component.

IPC 8 full level  
**B24B 1/04** (2006.01)

CPC (source: EP)  
**B24B 1/04** (2013.01); **B24B 31/064** (2013.01)

Citation (search report)  
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• [A] US 4171852 A 19791023 - HAENTJENS WALTER D [US]  
• [A] US 5531861 A 19960702 - YU CHRIS C [US], et al  
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Designated contracting state (EPC)  
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Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
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