

Title (en)  
DEVICE FOR GRINDING AND DEBURRING OF A PLANAR WORKPIECE

Title (de)  
VORRICHTUNG ZUM SCHLEIFEN UND ENTGRATEN EINES FLÄCHIGEN WERKSTÜCKS

Title (fr)  
DISPOSITIF DE MEULAGE ET D'ÉBAVURAGE D'UNE PIÈCE PLATE

Publication  
**EP 3085491 B1 20170412 (DE)**

Application  
**EP 15165026 A 20150424**

Priority  
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Abstract (en)  
[origin: CN106064331A] A device for grinding and deburring a flat workpiece comprise a grinding roller having an abrasive coating. A coaxial drive shaft that is connected rotation-fast to the guide roller is driven by a drive motor via a primary belt drive. The grinding roller is borne axially displaceable on the drive shaft. Via a second secondary belt drive, the drive motor drives a cam mechanism, comprising a control cylinder that is rotatably borne on the drive shaft of the grinding roller and that has a groove cam and comprising a cam slide arranged on the grinding roller. The rotating grinding roller thus performs an oscillating axial back-and-forth movement.

IPC 8 full level  
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CPC (source: CN EP US)  
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**B24B 41/002** (2013.01 - EP US); **B24B 41/04** (2013.01 - CN); **B24B 47/10** (2013.01 - EP US); **B24B 47/12** (2013.01 - CN EP US)

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