

Title (en)  
Device for smoothing gears

Title (de)  
Vorrichtung zum Glätten von Zahnrädern

Title (fr)  
Dispositif de lissage des roues dentées

Publication  
**EP 1582277 B1 20080213 (DE)**

Application  
**EP 04003106 A 20040301**

Priority  
EP 04003106 A 20040301

Abstract (en)  
[origin: EP1582277A1] The device has a clamping mechanism (16) for axially clamping a gearwheel to be smoothed, and a clamping unit formed with bearing brackets (27) supporting a single smoothing wheel. Two slides support the bearing brackets with the single smoothing wheel and two other smoothing wheels (5), respectively, and tensioned against one another by a connecting rod.

IPC 8 full level  
**B21H 5/02** (2006.01); **B23F 19/05** (2006.01); **B23F 23/12** (2006.01); **B24B 15/00** (2006.01); **B24B 39/00** (2006.01)

CPC (source: EP US)  
**B21H 5/022** (2013.01 - EP US)

Cited by  
EP2022576A1; US8069566B2; DE102017126988A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**US 2005181714 A1 20050818; US 7004826 B2 20060228**; AT E385865 T1 20080315; CA 2465452 A1 20050812; CA 2465452 C 20090901; DE 502004006188 D1 20080327; EP 1582277 A1 20051005; EP 1582277 B1 20080213; ES 2301890 T3 20080701; PL 1582277 T3 20080731

DOCDB simple family (application)  
**US 84621304 A 20040510**; AT 04003106 T 20040301; CA 2465452 A 20040427; DE 502004006188 T 20040301; EP 04003106 A 20040301; ES 04003106 T 20040301; PL 04003106 T 20040301