

Title (en)  
DEVICE FOR ACCELERATING ABRASIVES

Title (de)  
VORRICHTUNG ZUM BESCHLEUNIGEN VON STRAHLMITTEL

Title (fr)  
DISPOSITIF POUR ACCELERER UN PRODUIT DE SABLAGE

Publication  
**EP 1318890 B1 20050504 (DE)**

Application  
**EP 01967264 A 20010813**

Priority  
• DE 20014303 U 20000815  
• EP 0109355 W 20010813

Abstract (en)  
[origin: WO0214017A1] The invention relates to a device for accelerating abrasives, comprising a centrifugal wheel (8) that is driven to rotate about an axis of rotation. Said centrifugal wheel further comprises blades (2) that are disposed in a substantially radial orientation relative to the axis of rotation, and a lateral disk (4) on which the blades (2) are retained with a lateral edge. A feed line (6) for the abrasive has an opening (7) that is contiguous with the free edges of the blades (2) of the centrifugal wheel (8) outside the axis of rotation of said centrifugal wheel (8). The inventive device is further characterized in that the blades (2), on the side facing the feed line (6), have recesses (3) that are opposite the opening (7) of the feed line (6).

IPC 1-7  
**B24C 5/06**

IPC 8 full level  
**B24C 5/06** (2006.01)

CPC (source: EP US)  
**B24C 5/062** (2013.01 - EP US); **B24C 5/068** (2013.01 - EP US)

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**WO 0214017 A1 20020221**; AT E294671 T1 20050515; DE 50106129 D1 20050609; EP 1318890 A1 20030618; EP 1318890 B1 20050504; US 2002155796 A1 20021024; US 7537513 B2 20090526

DOCDB simple family (application)  
**EP 0109355 W 20010813**; AT 01967264 T 20010813; DE 50106129 T 20010813; EP 01967264 A 20010813; US 11080602 A 20020415