

Title (en)  
DEVICE FOR MACHINING A STRIP OR PLATE-SHAPED METAL WORKPIECE

Title (de)  
VORRICHTUNG ZUM BEARBEITEN EINES BAND- ODER PLATTENFÖRMIGEN METALLISCHEN WERKSTÜCKS

Title (fr)  
DISPOSITIF POUR USINER UNE PIÈCE MÉTALLIQUE EN FORME DE BANDE OU DE PLAQUE

Publication  
**EP 1910024 B1 20100714 (DE)**

Application  
**EP 06776364 A 20060724**

Priority  
• EP 2006007252 W 20060724  
• DE 202005011640 U 20050725

Abstract (en)  
[origin: US2009104859A1] The invention relates to a device for machining a strip or plate-shaped metal workpiece, which comprises at least one conveying device which is provided with machining elements. The conveying device guides the machining elements at an angle and/or in a transversal manner in relation to the direction of advancement of the workpiece in the region of the workpiece which is to be machined in an at least approximately linear manner. The machining elements are embodied as abrasive paper and support elements are arranged between said abrasive paper.

IPC 8 full level  
**B24B 21/04** (2006.01); **B23Q 41/00** (2006.01); **B24B 9/00** (2006.01); **B24B 27/033** (2006.01); **B24D 13/04** (2006.01); **B24D 13/10** (2006.01); **F16G 5/00** (2006.01)

CPC (source: EP US)  
**B24B 21/04** (2013.01 - EP US); **B24B 27/033** (2013.01 - EP US); **B24D 13/04** (2013.01 - EP US); **B24D 13/10** (2013.01 - EP US)

Cited by  
DE102015110115A1; DE202015106711U1; EP3108999A3; DE202015102354U1; WO2016180520A1; DE202017103217U1; EP2792450A1; EP3108999A2; US11260492B2; DE102018106347A1; WO2019179964A1; US12031567B2

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

DOCDB simple family (publication)  
**US 2009104859 A1 20090423; US 7789735 B2 20100907**; AT E444833 T1 20091015; AT E473838 T1 20100715; CN 101247922 A 20080820; DE 202005011640 U1 20051013; DE 502006005061 D1 20091119; DE 502006007441 D1 20100826; EP 1910024 A1 20080416; EP 1910024 B1 20100714; EP 1910024 B2 20170524; EP 2025465 A2 20090218; EP 2025465 A3 20090225; EP 2025465 B1 20091007; JP 2009502522 A 20090129; WO 2007012438 A1 20070201; WO 2007012438 A8 20080228

DOCDB simple family (application)  
**US 98944206 A 20060724**; AT 06776364 T 20060724; AT 08020006 T 20060724; CN 200680027213 A 20060724; DE 202005011640 U 20050725; DE 502006005061 T 20060724; DE 502006007441 T 20060724; EP 06776364 A 20060724; EP 08020006 A 20060724; EP 2006007252 W 20060724; JP 2008523203 A 20060724