

Title (en)
Device for working a metallic workpiece

Title (de)
Vorrichtung zum Bearbeiten eines band- oder plattenförmigen metallischen Werkstücks

Title (fr)
Dispositif de traitement d'une pièce usinée métallique

Publication
EP 2025465 A3 20090225 (DE)

Application
EP 08020006 A 20060724

Priority
• EP 06776364 A 20060724
• DE 202005011640 U 20050725

Abstract (en)
[origin: DE202005011640U1] A laser cutting process on a metal workpiece leaves a layer of oxide that is subsequently removed by an emery cloth belt presented at a transverse angle to or in line with the advancing work piece. The emery cloth is applied as a sandwich block with parallel emery cloth panels separated by pads.

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)

Citation (search report)
[AD] DE 10320295 A1 20040519 - LISSMAC MASCHB UND DIAMANTWERK [DE]

Cited by
DE102013017907A1; DE102013017908A1

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

Designated extension state (EPC)
AL BA HR MK RS

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

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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