

Title (en)

ABRASIVE BLAST MODIFICATION OF SURFACES

Title (de)

SCHLEIFSTRAHLENMODIFIZIERUNG VON OBERFLÄCHEN

Title (fr)

MODIFICATION DE PROJECTION ABRASIVE DE SURFACES

Publication

**EP 3356082 A1 20180808 (EN)**

Application

**EP 16777957 A 20160928**

Priority

- GB 201517128 A 20150928
- EP 2016073155 W 20160928

Abstract (en)

[origin: WO2017055376A1] A metal surface treatment method wherein the surface (10) is simultaneously bombarded with a mixture of abrasive particles (4) and dopant particles (6) which are delivered at a velocity in the range of 50-250 m/sec, and thereby depositing the dopant material on the surface. Also provided is an article (8) having a surface treated by such a method.

IPC 8 full level

**B24C 11/00** (2006.01); **B24C 1/00** (2006.01); **C23C 24/04** (2006.01)

CPC (source: EP KR US)

**B24C 1/00** (2013.01 - EP KR US); **B24C 11/005** (2013.01 - EP KR US); **C23C 24/04** (2013.01 - EP KR US)

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

**WO 2017055376 A1 20170406**; AU 2016329103 A1 20180405; CA 2998552 A1 20170406; CN 108136566 A 20180608; EP 3356082 A1 20180808; EP 3356082 B1 20211229; EP 3978191 A1 20220406; EP 3978191 B1 20240807; GB 201517128 D0 20151111; JP 2018535836 A 20181206; KR 102602557 B1 20231114; KR 20180061176 A 20180607; MX 2018003727 A 20180912; MY 191014 A 20220528; RU 2018114629 A 20191030; US 2018282874 A1 20181004; US 2022170163 A1 20220602

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**EP 2016073155 W 20160928**; AU 2016329103 A 20160928; CA 2998552 A 20160928; CN 201680055221 A 20160928; EP 16777957 A 20160928; EP 21208806 A 20160928; GB 201517128 A 20150928; JP 2018515591 A 20160928; KR 20187008283 A 20160928; MX 2018003727 A 20160928; MY PI2018700921 A 20160928; RU 2018114629 A 20160928; US 201615763556 A 20160928; US 202117371863 A 20210709