

Title (en)

Protection mask for the surface treatment of blades for turbine engines

Title (de)

Abdeckung zum Schutz von Turbomaschinenschaufeln bei Oberflächenbehandlung

Title (fr)

Masque de protection pour le traitement de surface d'aubes de turbomachines

Publication

EP 1537950 B1 20070808 (FR)

Application

EP 04300818 A 20041126

Priority

FR 0314256 A 20031204

Abstract (en)

[origin: EP1537950A1] Mask protecting turbine blade surfaces during treatment by sand blasting and plasma-metallization. The surfaces to be protected are surfaces either on transverse fins (15, 17) of the turbine blade (10) or surfaces (18) at its root. The mask comprises a section (100) following the appropriate contours and including apertures opening over surfaces to be treated.

IPC 8 full level

B24C 1/04 (2006.01); **B23P 15/02** (2006.01)

CPC (source: EP US)

B24C 1/04 (2013.01 - EP US); **C23C 4/01** (2016.01 - EP US); **B05B 12/20** (2018.01 - EP US)

Cited by

EP2289666A3; EP1762303A1; EP2371459A3; DE102008011249A1; EP2053142A3; EP2309016A1; CN102031476A; US7717058B2; US8173218B2

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