

Title (en)

Apparatus for cleaning and compacting the surface of a metal component

Title (de)

Vorrichtung zur Oberflächenverdichtung und Reinigung eines Metallbauteils

Title (fr)

Dispositif d'épaississement d'une surface et nettoyage d'un composant métallique

Publication

**EP 2623263 B1 20141112 (DE)**

Application

**EP 12185393 A 20120921**

Priority

EP 12185393 A 20120921

Abstract (en)

[origin: EP2623263A1] The method involves supplying of the metal component in a processing region of beam chamber (2). The metal component is treated with a blasting material in the processing region. The subsequent removal of blasting material particles from the metal component is performed. The blasting material consists of ceramic particles. The treatment of the metal component is performed at all sides and full-area. The blasting material is accelerated by the spinner wheels (4). An independent claim is included for device for surface compression and cleaning of metal component.

IPC 8 full level

**B24C 1/00** (2006.01); **B08B 1/00** (2006.01); **B23K 37/00** (2006.01); **B24C 1/08** (2006.01); **B24C 3/08** (2006.01); **B24C 3/18** (2006.01); **C23G 5/00** (2006.01)

CPC (source: EP)

**B08B 3/12** (2013.01); **B24C 1/00** (2013.01); **B24C 1/086** (2013.01); **B24C 3/083** (2013.01); **B24C 3/085** (2013.01); **B24C 3/18** (2013.01); **C21D 7/06** (2013.01); C21D 9/50 (2013.01)

Cited by

CN112318379A; CN115383269A; CN114082705A; CN115026043A

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**EP 2623263 A1 20130807; EP 2623263 B1 20141112**

DOCDB simple family (application)

**EP 12185393 A 20120921**