

Title (en)
Shot blasting device and method

Title (de)
Sandstrahlverfahren und -vorrichtung

Title (fr)
Procédé et dispositif de grenaillage

Publication
EP 2111950 B1 20110105 (FR)

Application
EP 09158195 A 20090417

Priority
FR 0852703 A 20080422

Abstract (en)
[origin: EP2111950A1] Shot peening a rotary machine comprising a rotor (R) with peripheral recesses, in which shot peening is carried out with a rotor that is at least partly assembled, comprises fixing a support system (23) for supporting at least one acoustic assembly (3) to the machine; and shot peening at least one region of the machine using projectiles that are moved by the acoustic assembly. The acoustic assembly comprises a sonotrode (15) having an end face that serves to set projectiles into motion, where the end face extends along a curvilinear longitudinal axis.

IPC 8 full level
B24C 1/10 (2006.01); **B24C 3/32** (2006.01)

CPC (source: EP)
B24C 1/10 (2013.01); **B24C 3/325** (2013.01); **B24C 5/005** (2013.01)

Cited by
EP3231557A1; US10493594B2; US11524387B2

Designated contracting state (EPC)
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DOCDB simple family (publication)
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