

Title (en)
PEENING CHAMBER FOR SURFACE PEENING, IN PARTICULAR FOR ULTRASONIC SHOT PEENING OF GAS TURBINE COMPONENTS

Title (de)
STRAHLKAMMER ZUM OBERFLÄCHENSTRAHLEN, INSBESONDERE ZUM ULTRASCHALL KUGELSTRAHLEN VON GASTURBINEN-BAUTEILEN

Title (fr)
CHAMBRE DE GRENAILLAGE POUR LE GRENAILLAGE DE SURFACES ET EN PARTICULIER POUR LE GRENAILLAGE ULTRASONIQUE DE BILLES DE COMPOSANTS DE TURBINES A GAZ

Publication
EP 1986817 B1 20110629 (DE)

Application
EP 07702443 A 20070215

Priority
• DE 2007000283 W 20070215
• DE 102006008210 A 20060222

Abstract (en)
[origin: DE102006008210A1] The shot-peening chamber for ultrasonic shot peening of components, especially gas turbine components, has a facility wherein for changing the geometry of the chamber at least one wall section (26,36,48) is adjustable. The wall section is adjustable by means of inflation or filling with gas. The chamber wall is designed from a flexibly compliant material, especially a rubber material. The chamber wall (12) has at least one opening (18) for entry of the region (20) of the component (10) with the surface to be processed, wherein the wall section (48) adjacent to the opening is adjustable.

IPC 8 full level
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CPC (source: EP US)
B24C 1/10 (2013.01 - EP US); **B24C 5/005** (2013.01 - EP US); **B24C 5/08** (2013.01 - EP US); **Y10T 29/479** (2015.01 - EP US)

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