

Title (en)

Process for ultrasonic shotpeening large annular surfaces of thinwalled workpieces

Title (de)

Verfahren zum Ultraschall-Kugelstählen von grossformatigen ringförmigen Oberflächen von dünnwandigen Werkstücken

Title (fr)

Procédé de grenaillage par ultrasons de surfaces annulaires de grandes dimensions sur des pièces minces

Publication

EP 1101827 B1 20050126 (FR)

Application

EP 00403183 A 20001116

Priority

FR 9914481 A 19991118

Abstract (en)

[origin: EP1101827A1] The invention concerns a method for ultrasonic shot blasting of large-dimensioned annular surfaces (5) on thin workpieces (1). Said method is characterised in that the surface to be shot blasted (5) performs at least N = five revolutions in front of the shot blaster opening (10) during the shot blasting process, so as to reduce the deformations of the workpiece (1).

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C21D 7/06

IPC 8 full level

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CPC (source: EP US)

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Citation (examination)

Metals Handbook, Vol. 5, Surface cleaning, Finishing and Coating, 9ième édition, 1982, pages 138-140

Cited by

FR2816538A1; EP1207013A1; US6536109B2

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