

Title (en)

A process and apparatus for the combined thermal treatment of metallic materials and articles.

Title (de)

Verfahren und Vorrichtung zum kombinierten Wärmebehandeln metallischer Stoffe und Teile.

Title (fr)

Procédé et appareil pour le traitement thermique combiné des matériaux métalliques et des articles.

Publication

**EP 0524156 A1 19930120 (EN)**

Application

**EP 92830325 A 19920619**

Priority

IT RM910533 A 19910716

Abstract (en)

A process for the treatment of metallic materials and articles comprising, in combination with a known type thermal treatment, the exposure of the article to the aeroacoustic action of a pulse gaseous stream in the field of sonic frequencies, at an acoustic pressure of at least 150 dB. Said action is preferably achieved arranging the article to be treated at the interior of the resonator of a suitable apparatus, operating as a gasdynamic acoustic generator. <IMAGE>

IPC 1-7

**C21D 1/04**

IPC 8 full level

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**C21D 1/04** (2013.01); **C21D 1/62** (2013.01); **C22F 1/00** (2013.01); **C22F 3/00** (2013.01)

Citation (search report)

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