

Title (en)

Process for heat-treating of metal pieces under protective gas

Title (de)

Verfahren zum Wärmebehandeln von Metallteilen unter Schutzgas

Title (fr)

Procédé de traitement thermique de pièces métalliques sous une atmosphère inerte

Publication

EP 1445338 B1 20090527 (DE)

Application

EP 04002129 A 20040202

Priority

DE 10304945 A 20030206

Abstract (en)

[origin: EP1445338A1] A blower rotates continuously at constant speed in the protective gas atmosphere, driven by an electric motor. The current supplied to the motor is measured. During the holding phase (B) at constant high temperature, variation of current consumption by the motor forms a signal for control of the heat treatment process and/or for controlling the replacement rate of protective gas atmosphere.

IPC 8 full level

C21D 1/767 (2006.01); **C21D 1/76** (2006.01); **C21D 11/00** (2006.01); **F27B 9/40** (2006.01); **F27B 11/00** (2006.01); **F27B 13/14** (2006.01); **F27D 7/04** (2006.01); **F27D 19/00** (2006.01)

CPC (source: EP)

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DOCDB simple family (publication)

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