

Title (en)

Process and apparatus for gaseous nitriding of a workpiece and workpiece.

Title (de)

Verfahren zum Gasnitrieren eines Werkstücks eine Gasnitriervorrichtung zur Durchführung des Verfahrens sowie ein Werkstück

Title (fr)

Procédé et installation pour la nitruration à l'aide de gaz d'un substrat et substrat obtenu.

Publication

**EP 1612290 A1 20060104 (DE)**

Application

**EP 05405366 A 20050603**

Priority

- EP 04405413 A 20040702
- EP 05405366 A 20050603

Abstract (en)

Method for gas nitriding a surface of a workpiece in a process chamber comprises varying the reducing pressure of the reducing gas in the chamber during the reducing phase according to a prescribed pressure scheme. Independent claims are also included for the following: (1) Gas nitriding device for carrying out the above method; and (2) Workpiece having a surface layer produced by the above method.

IPC 8 full level

**C23C 8/02** (2006.01); **C23C 8/26** (2006.01); **C23C 8/38** (2006.01)

CPC (source: EP)

**C23C 4/12** (2013.01); **C23C 8/24** (2013.01); **C23C 8/80** (2013.01)

Citation (search report)

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