

Title (en)

METHOD OF MANUFACTURING A COMPONENT PART OF A TURBINE AND A COMPONENT OF A TURBINE

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES BAUTEILS EINER TURBINE UND EIN BAUTEIL EINER TURBINE

Title (fr)

METHODE DE FABRICATION D'UN COMPONENT D'UNE TURBINE ET LE COMPONENT D'UNE TURBINE

Publication

EP 1831427 A1 20070912 (DE)

Application

EP 05797128 A 20051018

Priority

- EP 2005055331 W 20051018
- EP 04031008 A 20041230
- EP 05797128 A 20051018

Abstract (en)

[origin: EP1676938A1] Production of metal components with a surface oxide layer of one or more metal oxides $Me_1 y Me_2 z O_x$, $Me_1 O_x$ or $Me_2 O_x$, where a surface region is treated to produce impoverishment in at least one of elements Me_1 or Me_2 forming the above oxides. An independent claim is included for a component, e.g. a turbine, especially gas or steam turbine, especially a turbine blade or heat shield element.

IPC 8 full level

C23C 4/02 (2006.01); **C23C 26/00** (2006.01); **C23C 28/00** (2006.01); **C23F 1/00** (2006.01); **F01D 5/28** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2006072479A1

Citation (examination)

- US 5976265 A 19991102 - SANGEETA D [US], et al
- EP 1050604 A1 20001108 - GEN ELECTRIC [US]
- EP 1321536 A2 20030625 - GEN ELECTRIC [US]
- EP 1094134 A1 20010425 - GEN ELECTRIC [US]
- US 2003083213 A1 20030501 - KOOL LAWRENCE BERNARD [US], et al
- EP 1197573 A2 20020417 - GEN ELECTRIC [US]
- EP 0814179 A1 19971229 - GEN ELECTRIC [US]
- US 2004169013 A1 20040902 - KOOL LAWRENCE BERNARD [US], et al
- EP 1076114 A1 20010214 - GEN ELECTRIC [US]

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