

Title (en)

Airfoil with MCrAlY coating, corresponding airfoil arrangement and manufacturing method

Title (de)

Schaufelprofil mit MCrAlY-Beschichtung, zugehörige Schaufelanordnung und Herstellungsverfahren

Title (fr)

Profil d'aube avec revêtement en MCrAlY, agencement d'aubes et procédé de fabrication associés

Publication

**EP 2662530 A1 20131113 (EN)**

Application

**EP 12167244 A 20120509**

Priority

EP 12167244 A 20120509

Abstract (en)

The present invention relates to an airfoil (101) for a gas turbine. The airfoil (101) comprises a coated surface section (104) which is coated with a MCrAlY coating. A corresponding airfoil arrangement (100) and a method for manufacturing such an arrangement are also provided.

IPC 8 full level

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CPC (source: EP)

**C23C 4/073** (2016.01); **F01D 5/288** (2013.01); **F01D 9/041** (2013.01); **F05C 2201/0463** (2013.01); **F05C 2201/0466** (2013.01); **F05D 2300/121** (2013.01); **F05D 2300/132** (2013.01); **F05D 2300/15** (2013.01)

Citation (search report)

- [XYI] EP 0844368 A2 19980527 - UNITED TECHNOLOGIES CORP [US]
- [IY] US 7491033 B2 20090217 - TRISHKIN ALEXANDER [RU], et al

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