

Title (en)

Flow channel device and coating method for a flow channel device

Title (de)

Strömungskanaleinrichtung und Verfahren zum Beschichten einer Strömungskanaleinrichtung

Title (fr)

Dispositif de canal d'écoulement et procédé de revêtement d'un dispositif de canal d'écoulement

Publication

**EP 1775422 A1 20070418 (DE)**

Application

**EP 05022604 A 20051017**

Priority

EP 05022604 A 20051017

Abstract (en)

Flow channel (10) has a protective layer (18), which is applied by means of a gaseous phase separation procedure. The turbine blade e.g. a guide blade or a rotor blade surface is coated at least partly by the protective layer. The blade area (14) of the turbine blade is coated by the protective layer. An independent claim is also included for the coating method.

IPC 8 full level

**F01D 5/28** (2006.01)

CPC (source: EP)

**F01D 5/288** (2013.01); **F05D 2230/313** (2013.01); **F05D 2230/314** (2013.01); **F05D 2230/90** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

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DOCDB simple family (application)

**EP 05022604 A 20051017**; EP 2006067095 W 20061005