

Title (en)

Turbo machine component with inspection hole

Title (de)

Komponente einer Strömungsmaschine mit Inspektionsöffnung

Title (fr)

Composante d'une turbomachine avec trou d'inspection

Publication

EP 1219779 A3 20031210 (DE)

Application

EP 01128803 A 20011204

Priority

DE 10064269 A 20001222

Abstract (en)

[origin: EP1219779A2] A gas turbine component (a turbine blade) has cooling channels (4) for cooling air, and at least one inspection aperture (5) enabling the inside of the blade to be inspected. The cooling aperture is so located and of such dimensions that it also serves as a dust outlet aperture for the dust or dirt particles contained in the cooling air.

IPC 1-7

F01D 5/18; **F01D 21/00**

IPC 8 full level

F01D 5/18 (2006.01); **F01D 21/10** (2006.01); **F01D 25/00** (2006.01); **F01D 25/32** (2006.01)

CPC (source: EP US)

F01D 5/187 (2013.01 - EP US); **F01D 21/10** (2013.01 - EP US); **F01D 25/002** (2013.01 - EP US); **F01D 25/32** (2013.01 - EP US); **F05D 2260/201** (2013.01 - EP US); **F05D 2260/607** (2013.01 - EP US)

Citation (search report)

- [DA] DE 19801804 A1 19990722 - SIEMENS AG [DE]
- [DA] US 4820122 A 19890411 - HALL KENNETH B [US], et al

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1219779 A2 20020703; **EP 1219779 A3 20031210**; **EP 1219779 B1 20061102**; DE 10064269 A1 20020704; DE 50111356 D1 20061214; US 2002090298 A1 20020711

DOCDB simple family (application)

EP 01128803 A 20011204; DE 10064269 A 20001222; DE 50111356 T 20011204; US 214101 A 20011205