

Title (en)  
Nozzle ring

Title (de)  
Düsenring

Title (fr)  
Couronne directrice

Publication  
**EP 1724443 A1 20061122 (DE)**

Application  
**EP 05405356 A 20050520**

Priority  
EP 05405356 A 20050520

Abstract (en)  
The nozzle ring includes a cover (3) for the slot openings which lead radially outward. A downstream region of the guide blades projects beyond the outer ring. A cover ring projecting over the outer ring, is located in the region radially outside the downstream flow region (25) of the guide blades. The outer ring includes slots between the blades, with a cover (3) over their radially outer ends. The methods of slot sealing include insertion of a sealing mass or covering with welded sheets.

IPC 8 full level  
**F01D 9/04** (2006.01); **F01D 25/00** (2006.01); **F02C 6/12** (2006.01)

CPC (source: EP)  
**F01D 5/225** (2013.01); **F01D 9/04** (2013.01); **F01D 9/041** (2013.01); **F01D 25/002** (2013.01); **F05D 2220/40** (2013.01); **F05D 2230/232** (2013.01); **F05D 2230/642** (2013.01); **F05D 2240/10** (2013.01); **F05D 2240/11** (2013.01); **F05D 2240/128** (2013.01); **F05D 2240/55** (2013.01)

Citation (search report)

- [X] US 2447942 A 19480824 - JEAN IMBERT ROGER, et al
- [A] WO 2004044387 A1 20040527 - ABB TURBO SYSTEMS AG [CH], et al
- [AD] EP 0781897 B1 20010523 - ABB TURBO SYSTEMS AG [CH]
- [A] DE 10327977 A1 20050105 - ALSTOM TECHNOLOGY LTD BADEN [CH]
- [A] US 3824034 A 19740716 - LEICHT W

Cited by  
CZ305366B6; DE102019103640A1; FR2945331A1; CN102422027A; US9017022B2; WO2010128025A1; WO2020165357A1

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 MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR LV MK YU

DOCDB simple family (publication)  
**EP 1724443 A1 20061122**; WO 2006122438 A1 20061123

DOCDB simple family (application)  
**EP 05405356 A 20050520**; CH 2006000248 W 20060508