

Title (en)  
Compactor stator with partial cover band

Title (de)  
Verdichterstator mit Teildeckband

Title (fr)  
Stator de compresseur doté d'une bande de toit partielle

Publication  
**EP 2103783 A3 20140514 (DE)**

Application  
**EP 09003391 A 20090309**

Priority  
DE 102008014743 A 20080318

Abstract (en)  
[origin: EP2103783A2] The gas-turbine axial compressor has a casing and a rotatable shaft, which form an annular duct, in which a stator (2) and a rotor (4) are arranged. A shroud (21) is arranged at a free end of the stator vanes, which extends over part of the axial length of the stator. Another part of the axial length of the stator, at which no shroud is arranged, radially adjoins a rotor platform formed by a rotor hub.

IPC 8 full level  
**F01D 9/04** (2006.01); **F01D 11/00** (2006.01); **F01D 17/16** (2006.01)

CPC (source: EP US)  
**F01D 9/041** (2013.01 - EP US); **F01D 11/001** (2013.01 - EP US); **F01D 17/162** (2013.01 - EP US); **F04D 29/164** (2013.01 - EP US); **F04D 29/542** (2013.01 - EP US); **F05D 2240/11** (2013.01 - EP US); **F05D 2240/12** (2013.01 - EP US)

Citation (search report)

- [XYI] US 3146938 A 19640901 - FRANK SMITH LEWIS
- [Y] US 4619580 A 19861028 - SNYDER HOWARD E [US]
- [Y] US 5639212 A 19970617 - SCHAEFER ROBERT ALLEN [US], et al

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FR3094746A1; GB2596677A; GB2596677B; US8613592B2; US11891901B2; WO2011124214A3; WO2020201642A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA RS

DOCDB simple family (publication)  
**EP 2103783 A2 20090923**; **EP 2103783 A3 20140514**; DE 102008014743 A1 20090924; US 2009238682 A1 20090924; US 8235654 B2 20120807

DOCDB simple family (application)  
**EP 09003391 A 20090309**; DE 102008014743 A 20080318; US 38257309 A 20090318