

Title (en)

AXIAL COMPRESSOR WITH A DEVICE FOR REDIRECTING A LEAKAGE FLOW

Title (de)

AXIALER VERDICHTER MIT EINER VORRICHTUNG ZUR UMLEITUNG EINES LECKAGESTROMS

Title (fr)

COMPRESSEUR AXIAL AVEC UN DISPOSITIF POUR REDIRIGER UN COURANT DE FUITE

Publication

EP 2250347 B1 20171129 (DE)

Application

EP 09714205 A 20090219

Priority

- DE 2009000229 W 20090219
- DE 102008011746 A 20080228

Abstract (en)

[origin: CA2716878A1] A device for redirecting a leakage current (106) flowing between a stator (102) and a rotor (104) comprises a sealing element (112) for interrupting the leakage current (106), an outlet opening (114) disposed on the rotor (104), and a guide (116, 132), which is configured to direct the leakage current (106) past the sealing element (112) to the outlet opening (114).

IPC 8 full level

F01D 11/00 (2006.01); **F01D 11/02** (2006.01); **F04D 29/08** (2006.01); **F04D 29/54** (2006.01)

CPC (source: EP US)

F01D 11/001 (2013.01 - EP US); **F01D 11/02** (2013.01 - EP US); **F04D 29/083** (2013.01 - EP US); **F04D 29/542** (2013.01 - EP US); **F05D 2240/55** (2013.01 - EP US); **F05D 2240/81** (2013.01 - EP US)

Citation (examination)

- US 4152092 A 19790501 - SWEARINGEN JUDSON S [US]
- EP 1793089 A2 20070606 - GEN ELECTRIC [US]

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

DOCDB simple family (publication)

DE 102008011746 A1 20090903; CA 2716878 A1 20090903; CN 101946064 A 20110112; CN 101946064 B 20141022; EP 2250347 A1 20101117; EP 2250347 B1 20171129; US 2011058933 A1 20110310; US 8753070 B2 20140617; WO 2009106045 A1 20090903; WO 2009106045 A8 20101202

DOCDB simple family (application)

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