

Title (en)

Device for taking an air sample in a turbomachine compressor

Title (de)

Vorrichtung zum Luftabzug in einem Kompressor eines Turbotriebwerks

Title (fr)

Dispositif de prélèvement d'air dans un compresseur de turbomachine

Publication

EP 2071192 B1 20180103 (FR)

Application

EP 08168909 A 20081112

Priority

FR 0708702 A 20071214

Abstract (en)

[origin: EP2071192A1] The compressor (10) has air bleed units including a duct (58) whose suction end is emerged in an external casing (14) of the compressor at the level of a movable wheel (18) and a rectifier stage (24) of the compressor. An annular shaped screen sheet (62) is radially mounted inside the casing with respect to a part of the suction end of the duct in order to homogenize the air bleed at 360 degrees around an axis (12) of the compressor.

IPC 8 full level

F04D 27/02 (2006.01); **F01D 17/10** (2006.01); **F02C 9/18** (2006.01)

CPC (source: EP US)

F04D 29/545 (2013.01 - EP US); **F04D 27/0215** (2013.01 - EP US)

Cited by

FR2998330A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 2071192 A1 20090617; **EP 2071192 B1 20180103**; CA 2646935 A1 20090614; CA 2646935 C 20160503; FR 2925130 A1 20090619; FR 2925130 B1 20120727; JP 2009144714 A 20090702; JP 5474344 B2 20140416; RU 2008149155 A 20100620; RU 2486374 C2 20130627; US 2009155056 A1 20090618; US 8152460 B2 20120410

DOCDB simple family (application)

EP 08168909 A 20081112; CA 2646935 A 20081210; FR 0708702 A 20071214; JP 2008314056 A 20081210; RU 2008149155 A 20081212; US 33268508 A 20081211