

Title (en)

Device for supplying ventilation air to the vanes of a low-pressure turbine of a gas turbine engine

Title (de)

Luftzuführvorrichtung für die Belüftung von Laufradschaufeln einer Niederdruckturbine eines Gasturbinenmotors

Title (fr)

Dispositif d'alimentation en air de ventilation des aubes de turbine basse pression d'un moteur à turbine à gaz

Publication

EP 2011966 B1 20120328 (FR)

Application

EP 08159726 A 20080704

Priority

FR 0704918 A 20070706

Abstract (en)

[origin: EP2011966A2] The device has a monoblock drum including turbine discs (11, 12), where a rim (12J) of the disc (12) includes slots in which feet (6P) of blades (6) of a turbine of a gas turbine engine are slid in axial manner. The blades are axially retained by axial retaining segments (18). A hole (12P) is formed in a rear shell (14) below the rim that is in communication at inner side of a monoblock drum with the slots of the disc (12). A passage is formed in the segments. The segments include a base housed in a groove formed in the drum.

IPC 8 full level

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CPC (source: EP US)

F01D 5/082 (2013.01 - EP US); **F01D 5/085** (2013.01 - EP US); **F01D 5/3015** (2013.01 - EP US)

Cited by

EP3026217A1; FR2965291A1; FR2973433A1; EP3075952A1; FR3062677A1; FR2995021A1; GB2520212A; EP3124742A1; GB2520212B; US10408087B2; US9732619B2; WO2014037664A1; US9920690B2; US10428656B2

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