

Title (en)
Diffusor for a gas turbine engine

Title (de)
Diffusor für Turbinentriebwerk

Title (fr)
Diffuseur pour turboréacteur

Publication
EP 1561998 B1 20120307 (FR)

Application
EP 05290094 A 20050114

Priority
FR 0401084 A 20040205

Abstract (en)
[origin: EP1561998A1] The diffuser has a suspension unit including tapered walls (33, 34), where the wall (33) extends from an outer longitudinal wall (31) in the direction of a combustion chamber (3). The wall (34) is connected to the wall (33) and extends between the wall (33) and an outer casing (17) of the combustion chamber in the direction of a compressor. A tapered wall (36) extends from an outer longitudinal wall (32).

IPC 8 full level
F04D 29/54 (2006.01); **F23R 3/04** (2006.01); **F23R 3/60** (2006.01)

CPC (source: EP US)
F04D 29/542 (2013.01 - EP US); **F23R 3/60** (2013.01 - EP US); **F05B 2230/606** (2013.01 - EP US)

Citation (examination)

- EP 1223382 A2 20020717 - GEN ELECTRIC [US]
- EP 1059420 A1 20001213 - SNECMA MOTEURS [FR]

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
EP 1561998 A1 20050810; EP 1561998 B1 20120307; CA 2494943 A1 20050805; CA 2494943 C 20120424; CN 1651735 A 20050810; ES 2382552 T3 20120611; FR 2866079 A1 20050812; FR 2866079 B1 20060317; JP 2005220904 A 20050818; RU 2005102776 A 20060710; RU 2365762 C2 20090827; US 2005172632 A1 20050811; US 7197882 B2 20070403

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EP 05290094 A 20050114; CA 2494943 A 20050131; CN 200510006289 A 20050202; ES 05290094 T 20050114; FR 0401084 A 20040205; JP 2005016575 A 20050125; RU 2005102776 A 20050204; US 3988705 A 20050124