

Title (en)
Turbine stage in a turbomachine

Title (de)
Turbinenstufe in einer Strömungsmaschine

Title (fr)
Etage de turbine dans une turbomachine

Publication
EP 1965034 B1 20170405 (FR)

Application
EP 08151521 A 20080215

Priority
FR 0701426 A 20070228

Abstract (en)
[origin: EP1965034A1] Ring sectors (20) are arranged about a turbine impeller (18) and are suspended from a turbine casing (22) by an annular support (50). The annular support supports the ring sectors and attaches to the turbine casing. The annular support deforms elastically in the radial direction to partly cushion the carcass distortions where the turbine casing is subjected in operation of the turbomachine turbine. An independent claim is included for the turbomachine turbine.

IPC 8 full level
F01D 11/12 (2006.01); **F01D 9/04** (2006.01); **F01D 25/24** (2006.01)

CPC (source: EP US)
F01D 9/04 (2013.01 - EP US); **F01D 11/12** (2013.01 - EP US); **F01D 25/246** (2013.01 - EP US); **F05D 2240/11** (2013.01 - EP US)

Citation (examination)
EP 0487193 A1 19920527 - GEN ELECTRIC [US]

Cited by
FR2944554A1; EP3299590A1; FR3055655A1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 1965034 A1 20080903; **EP 1965034 B1 20170405**; CA 2622119 A1 20080828; CA 2622119 C 20150428; FR 2913051 A1 20080829; FR 2913051 B1 20110610; US 2008206047 A1 20080828; US 8403636 B2 20130326

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EP 08151521 A 20080215; CA 2622119 A 20080227; FR 0701426 A 20070228; US 3842208 A 20080227