

Title (en)  
Turbine module for gas turbine engine

Title (de)  
Turbinenmodule für einen Gasturbinenmotor

Title (fr)  
Module de turbine pour moteur à turbine à gaz

Publication  
**EP 1637702 B1 20161116 (FR)**

Application  
**EP 05108736 A 20050921**

Priority  
FR 0452103 A 20040921

Abstract (en)  
[origin: EP1637702A1] The module has two consecutive stages of turbine wheel separated by annular distributors inside a casing (120). The distributors comprise several units (114A) provided in the form of a ring sector and are wedged inside the casing by an axial hook (121A) integrated to the casing or to the units (114A). The units (114A) cooperate with a pair of axial hooks (113A1, 113A2) integrated to the units (114A) or to the casing respectively. An independent claim is also included for a gas turbine engine comprising a low pressure turbine module.

IPC 8 full level  
**F01D 25/24** (2006.01); **F01D 5/06** (2006.01); **F01D 11/00** (2006.01)

CPC (source: EP US)  
**F01D 5/06** (2013.01 - EP US); **F01D 11/001** (2013.01 - EP US); **F01D 25/246** (2013.01 - EP US)

Citation (examination)

- US 5201846 A 19930413 - SWEENEY DEREK J [IE]
- US 3295751 A 19670103 - SCEGGEL ELTON J

Cited by  
FR2968030A1; FR2960590A1; FR3104194A1; US8979489B2

Designated contracting state (EPC)  
DE FR GB

DOCDB simple family (publication)  
**EP 1637702 A1 20060322; EP 1637702 B1 20161116**; CA 2520282 A1 20060321; CA 2520282 C 20130312; FR 2875535 A1 20060324; FR 2875535 B1 20091030; JP 2006090322 A 20060406; JP 5005901 B2 20120822; RU 2005129351 A 20070327; RU 2377421 C2 20091227; US 2007231133 A1 20071004; US 7828521 B2 20101109

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**EP 05108736 A 20050921**; CA 2520282 A 20050920; FR 0452103 A 20040921; JP 2005271838 A 20050920; RU 2005129351 A 20050920; US 22972605 A 20050920