

Title (en)
Gas turbine rotor balance weight

Title (de)
Gasturbinenauswuchtvorrichtung

Title (fr)
dispositif de correction de balourd d'un rotor d'une turbine à gaz

Publication
EP 2520767 B1 20180214 (DE)

Application
EP 12003249 A 20120503

Priority
DE 102011100783 A 20110506

Abstract (en)
[origin: EP2520767A1] The balancing fixture has an annular groove (29) that is formed corresponding to outer periphery of an intermediate or high pressure rotor (31) of an intermediate or high-pressure compressor. A balancing structure (30) is arranged in the annular groove and is displaceable along circumferential direction of the annular groove, where the balancing structure is provided with a fixing device.

IPC 8 full level
F01D 9/06 (2006.01); **F01D 5/02** (2006.01)

CPC (source: EP US)
F01D 5/027 (2013.01 - EP US); **F01D 9/065** (2013.01 - EP US)

Cited by
EP3587733A1; DE102019111211A1; US10544679B2; US10954793B2; WO2015112344A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2520767 A1 20121107; EP 2520767 B1 20180214; DE 102011100783 A1 20121108; US 2012282082 A1 20121108;
US 9017029 B2 20150428

DOCDB simple family (application)
EP 12003249 A 20120503; DE 102011100783 A 20110506; US 201213463919 A 20120504