

Title (en)

Turbine with improved cooling means

Title (de)

Turbine mit verbesserter Kühlungseinrichtung

Title (fr)

Turbine à supports de refroidissement améliorés

Publication

**EP 2937510 A1 20151028 (EN)**

Application

**EP 14165988 A 20140425**

Priority

EP 14165988 A 20140425

Abstract (en)

An apparatus for cooling a turbine, wherein the turbine comprises an outer casing (2) and an outer surface facing the atmosphere, wherein the outer casing (2) encloses at least one heat generating component and is in thermal communication with the at least one heat generating component. The outer casing (2) is in thermal contact with one or more fins (6) facing the atmosphere. Further, the one or more fins (6) are coupled to a coversheet (4), wherein the cover sheet (4) is in thermal contact with the casing. The coversheet (4) is detachable to the outer casing (2) of the turbine and encloses at least a portion of the outer casing (2). Furthermore, one or more mounting means (8) are used to mount the coversheet (4) on the outer casing (2) of the turbine.

IPC 8 full level

**F01D 5/18** (2006.01); **F01D 25/14** (2006.01); **F01D 25/26** (2006.01)

CPC (source: EP)

**F01D 5/184** (2013.01); **F01D 25/14** (2013.01); **F01D 25/26** (2013.01); **F05D 2260/22141** (2013.01)

Citation (search report)

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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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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