

Title (en)  
TURBO-MACHINE HAVING A THERMAL TRANSFER LINE

Title (de)  
STRÖMUNGSMASCHINE MIT WÄRMEÜBERTRAGUNGSLEITUNG

Title (fr)  
TURBOMACHINE COMPORTANT UNE CONDUITE DE TRANSFERT DE CHALEUR

Publication  
**EP 3094953 A1 20161123 (DE)**

Application  
**EP 15702666 A 20150121**

Priority  
• DE 102014203035 A 20140219  
• EP 2015051111 W 20150121

Abstract (en)  
[origin: WO2015124361A1] The invention relates to a turbo-machine (100) having a plurality of component slots (1) accessible from the outside, wherein a thermal transfer line (10) is supplied to at least one section (2) of a component slot (1) such that, upon escape of leakage gas (3) out of the section (2) of the component slot (1), said leakage gas thermally interacts with the thermal transfer line (10), wherein the thermal transfer line (10) has a plurality of temperature sensors (15) at different locations (12) on the thermal transfer line (10) and said temperature sensors (15) are designed to detect temperature values on the thermal transfer line (10) at the different locations (12).

IPC 8 full level  
**G01M 3/00** (2006.01); **F01D 17/08** (2006.01)

CPC (source: EP US)  
**F01D 17/08** (2013.01 - EP US); **F02C 7/28** (2013.01 - EP US); **G01K 1/026** (2013.01 - EP US); **G01M 3/002** (2013.01 - EP US); **G01M 15/14** (2013.01 - US); **F05D 2260/6022** (2013.01 - EP US); **F05D 2260/80** (2013.01 - EP US)

Citation (search report)  
See references of WO 2015124361A1

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)  
**WO 2015124361 A1 20150827**; EP 3094953 A1 20161123; US 2017009597 A1 20170112

DOCDB simple family (application)  
**EP 2015051111 W 20150121**; EP 15702666 A 20150121; US 201515117879 A 20150121