

Title (en)

HOT GAS-CONDUCTING HOUSING ELEMENT, PROTECTIVE SHAFT JACKET, AND GAS TURBINE SYSTEM

Title (de)

HEIßGASFÜHRENDES GEHÄUSEELEMENT, WELLENSCHUTZMANTEL UND GASTURBINENANLAGE

Title (fr)

ELEMENT DE CARTER CONDUCTEUR DE GAZ CHAUD, ENVELOPPE DE PROTECTION D'ARBRE ET SYSTEME DE TURBINE A GAZ

Publication

**EP 1904717 B1 20130306 (DE)**

Application

**EP 06764031 A 20060704**

Priority

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- EP 05015001 A 20050711
- EP 06764031 A 20060704

Abstract (en)

[origin: EP1744016A1] Hot gas-conducting housing element has encompassing a compressor, a turbine, and a turbine rotor. The hot gas-conducting housing element is embodied so as to surround a protective shaft jacket (15a) which is placed around the turbine rotor and conduct a hot gas to the turbine. The rib (22a) or the inner housing hub (17b,17c) which are fitted with cooling fluid ducts (25a,28b,28c). Independent claims are also included for the following: (A) Protective shaft jacket; (B) Housing unit; and (C) Gas turbine system.

IPC 8 full level

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CPC (source: EP US)

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