

Title (en)
Combustion chamber external jacket

Title (de)
Brennkammeraußenschale

Title (fr)
Coque extérieure pour chambre de combustion

Publication
EP 2402659 A1 20120104 (DE)

Application
EP 10168147 A 20100701

Priority
EP 10168147 A 20100701

Abstract (en)
The jacket has two combustion chamber external jacket parts (10, 15) joined by a detachable connection i.e. flange connection (60), in gas-tight manner, where the jacket is implemented as a double piece in the external jacket parts. The flange connection is formed in a screwed manner, where the jacket is provided with heat shields (5, 6) in an axial direction (A). A connection is provided between the heat shields in the axial direction. A nozzle guide vane carrier (30) is arranged downstream to the jacket in the axial direction, and the heat shields are arranged at same or different distances.

Abstract (de)
Die Erfindung betrifft eine Brennkammeraußenschale für eine Gasturbine, wobei die Brennkammeraußenschale in ein erstes Brennkammeraußenschalenteil (15) und in ein zweites Brennkammeraußenschalenteil (10) zweiteilig ausgeführt ist, welche durch eine lösbare Verbindung gasdicht zusammengefügt sind.

IPC 8 full level
F01D 9/02 (2006.01); **F23R 3/60** (2006.01)

CPC (source: EP)
F01D 9/023 (2013.01); **F23R 3/60** (2013.01); **F23R 2900/00012** (2013.01)

Citation (search report)

- [X] US 2009260364 A1 20091022 - KELLER DOUGLAS A [US], et al
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- [A] EP 1744014 A1 20070117 - SIEMENS AG [DE]

Cited by
CN103291457A; EP2634372A1; EP2918913A1; US9010127B2; US9506653B2; US9335048B2

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 SE SI SK SM TR

Designated extension state (EPC)
BA ME RS

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