

Title (en)

Apparatus and method for minimizing and/or eliminating dilution air leakage in a combustion liner assembly

Title (de)

Vorrichtung und Verfahren zur Minimierung und/oder Beseitigung von Verdünnungsluftleckagen in einer Brennermantelanordnung

Title (fr)

Appareil et procédé pour minimiser et/ou supprimer les fuites d'air de dilution dans un ensemble de chemise de combustion

Publication

EP 2378201 A3 20130403 (EN)

Application

EP 11162106 A 20110412

Priority

US 75904210 A 20100413

Abstract (en)

[origin: EP2378201A2] A combustion liner assembly (2) for a gas turbine includes an outer liner (4), the outer liner having a flange (14) at a forward end. An inner liner (6) is disposed within the outer liner. The inner liner has a first inner wall (12). A venturi (8) includes a second inner wall (24), a venturi throat (10), and the first inner wall of the inner liner. A slip joint (16) is connected to the second inner wall. The slip joint receives the flange of the outer liner. Alternatively, or additionally, the combustion liner assembly includes a slip joint (30) between the inner or outer liner and an aft section (20).

IPC 8 full level

F23R 3/00 (2006.01); **F23R 3/02** (2006.01)

CPC (source: EP US)

F23R 3/002 (2013.01 - EP US); **F23R 3/02** (2013.01 - EP US); **F23R 2900/00001** (2013.01 - EP US)

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

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EP 2378201 A2 20111019; **EP 2378201 A3 20130403**; CN 102221208 A 20111019; US 2011247340 A1 20111013; WO 2011130001 A2 20111020; WO 2011130001 A3 20130510

DOCDB simple family (application)

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