

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 A2 20111019 (EN)

Application

EP 11162106 A 20110412

Priority

US 75904210 A 20100413

Abstract (en)

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

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CPC (source: EP US)

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Cited by

US11994292B2; US11255545B1; US11460191B2; US11371702B2; US11994293B2; US11614233B2; US11767766B1

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