

Title (en)

FLAMESHEET COMBUSTOR CONTOURED LINER

Title (de)

KONTURIERTE AUSKLEIDUNG FÜR BRENNKAMMER MIT FEUERWAND

Title (fr)

CHEMISE PROFILÉE DE CHAMBRE DE COMBUSTION À RIDEAU DE FLAMME

Publication

EP 3221643 A4 20180905 (EN)

Application

EP 15870609 A 20151120

Priority

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- US 2015061926 W 20151120

Abstract (en)

[origin: WO2016099805A2] The present invention discloses a novel apparatus and way for reducing the recirculation zone at the inlet end of a combustor. The recirculation zone is reduced by altering the geometry of the inlet end through a tapering of the liner wall thickness and a tapering of the thermal barrier coating to reduce the bluff body effect at the combustion liner inlet end.

IPC 8 full level

F23R 3/00 (2006.01); **F23R 3/28** (2006.01); **F23R 3/46** (2006.01)

CPC (source: EP KR)

F23R 3/002 (2013.01 - EP KR); **F23R 3/286** (2013.01 - EP KR); **F23R 3/46** (2013.01 - EP); **F23R 3/54** (2013.01 - KR); **F05D 2240/35** (2013.01 - KR)

Citation (search report)

- [Y] WO 2014099091 A2 20140626 - ALSTOM TECHNOLOGY LTD [CH], et al
- [YA] WO 2009038611 A2 20090326 - SIEMENS ENERGY INC [US], et al
- [Y] EP 2466205 A1 20120620 - MITSUBISHI HEAVY IND LTD [JP]
- See references of WO 2016099805A2

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US11859819B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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