

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**

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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  
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**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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