

Title (en)

TURBULATOR GEOMETRY FOR A COMBUSTION LINER

Title (de)

TURBULATORGEOMETRIE FÜR EINE VERBRENNUNGS AUSKLEIDUNG

Title (fr)

GÉOMÉTRIE DE TURBULATEUR POUR UNE CHEMISE DE COMBUSTION

Publication

EP 3874204 A4 20220831 (EN)

Application

EP 19878970 A 20191101

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- US 201816178688 A 20181102
- US 2019059412 W 20191101

Abstract (en)

[origin: WO2020092916A1] A heat transfer mechanism is provided comprising a plurality of turbulators located along a surface of a body, such as a combustion liner. The turbulators have a first side with a first ramp angle, a second side with a second ramp angle, a height, and a base width, where the base width is a function of the height and where the turbulators are spaced an axial distance apart that is a function of the turbulator height.

IPC 8 full level

F23R 3/00 (2006.01)

CPC (source: EP)

F23R 3/005 (2013.01); **F23R 3/44** (2013.01); **F23R 2900/03045** (2013.01)

Citation (search report)

- [X] US 2010223931 A1 20100909 - CHILA RONALD JAMES [US], et al
- [A] US 2014260278 A1 20140918 - HUGHES MICHAEL JOHN [US]
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- [A] US 2012247120 A1 20121004 - DUGAR SAURAV [IN], et al
- [A] DATABASE WPI Week 200027, Derwent World Patents Index; AN 2000-307349, XP002807073
- See also references of WO 2020092916A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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