

Title (en)

AIR CURTAIN CONTROL SYSTEM AND METHOD

Title (de)

STEUERUNGSSYSTEM UND -VERFAHREN FÜR LUFTVORHANG

Title (fr)

SYSTÈME ET PROCÉDÉ DE COMMANDE DE RIDEAU D'AIR

Publication

EP 3230657 A1 20171018 (EN)

Application

EP 15867874 A 20151209

Priority

- AU 2014904974 A 20141209
- AU 2015000742 W 20151209

Abstract (en)

[origin: WO2016090410A1] An air curtain control system for a solar thermal receiver comprising: at least one air jet (505) arranged to produce a continuous planar air curtain (507) over at least a portion of a receiver aperture 509 of a solar thermal receiver, an air flow control device (517) for controlling a speed of air flow out of the air jet (505), at least one angular control device (503) for controlling an angle of the air curtain (507) relative to the receiver aperture 509, and a system controller (501) arranged to control the air flow control device (517) and angular control device (503) to isolate the receiver aperture (509) from ambient elements external to the receiver aperture (509).

IPC 8 full level

F24J 2/04 (2006.01); **F24J 2/00** (2014.01); **F24J 2/40** (2006.01); **F24J 2/46** (2006.01); **F24S 20/20** (2018.01)

CPC (source: EP US)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2016090410 A1 20160616; AU 2015362065 A1 20170629; CN 107208931 A 20170926; CN 107208931 B 20200714; EP 3230657 A1 20171018; EP 3230657 A4 20180725; US 2017328601 A1 20171116

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