Title (en)

A FLOW CONTROL METHOD AND APPARATUS

Title (de)

DRUCKFLUSSREGELUNGSVERFAHREN UND -VORRICHTUNG

Title (fr)

PROCÉDÉ ET APPAREIL DE RÉGULATION DE L'ÉCOULEMENT

Publication

EP 2234729 A4 20130313 (EN)

Application

EP 08864915 A 20081218

Priority

- US 2008087376 W 20081218
- US 1588407 P 20071221

Abstract (en)

[origin: WO2009082665A1] The disclosure relates to air pollution control, and specifically to an apparatus for redirecting fluid flow in a plenum to improve flow performance and, therefore, improved air pollution control, especially in selective catalytic NOx reduction. The apparatus employs an array of flat blades mounted at an angle with respect to the inlet (upstream) fluid flow, such that the blades are titled with respect to that flow and correspondingly redirect the flow in a desired direction. The apparatus, which can also referred to as a 'GSG' or 'graduated straightening grid,' has a range of applications, and offers a number of performance, structural, and economic advantages in large-scale applications.

IPC 8 full level

B05B 1/26 (2006.01); **F15D 1/04** (2006.01)

CPC (source: EP)

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Citation (search report)

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Designated contracting state (EPC)

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DOCDB simple family (publication)

WO 2009082665 A1 20090702; AR 069874 A1 20100224; AU 2008340320 A1 20090702; AU 2008340320 B2 20120531; BR PI0820814 A2 20150616; CA 2709533 A1 20090702; CA 2709533 C 20130723; CL 2008003826 A1 20091023; CN 101918145 A 20101215; CN 101918145 B 20150923; EP 2234729 A1 20101006; EP 2234729 A4 20130313; HK 1151496 A1 20120203; KR 101292704 B1 20130802; KR 20100105696 A 20100929; MY 154069 A 20150430; RU 2010121527 A 20120127; RU 2457040 C2 20120727; SG 186600 A1 20130130; TW 200946785 A 20091116; TW I443263 B 20140701

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