

Title (en)
AIRFLOW CONTROL SYSTEM

Title (de)
LUFTSTRÖMUNGSSTEUERUNGSSYSTEM

Title (fr)
SYSTÈME DE COMMANDE DE FLUX D'AIR

Publication
EP 2858845 A1 20150415 (EN)

Application
EP 13727609 A 20130607

Priority
• GB 201210224 A 20120611
• EP 2013061773 W 20130607

Abstract (en)
[origin: GB2502963A] An airflow control system for controlling heat transfer in a motor vehicle. The airflow control system has an inlet (21, Figure 3) and an outlet (31, Figure 1B). A heat transfer chamber 29 is provided in fluid communication with the inlet (21) and the outlet (31). A flow control element 7 is provided proximal the outlet (31) for controlling the flow of air from the heat transfer chamber 29 through the outlet (31). The flow control element may establish a region of low pressure proximal to the outlet (31). The flow control element 7 may travel away from or rotate relative to the outlet (31) to open the outlet (31). The flow control element 7 is optionally a vehicle spoiler and may produce a downward aerodynamic force. A controller for controlling actuation of a flow control element 7 is also disclosed.

IPC 8 full level
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CPC (source: EP GB)
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Citation (search report)
See references of WO 2013186130A1

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DOCDB simple family (publication)
GB 201210224 D0 20120725; **GB 2502963 A 20131218**; **GB 2502963 B 20150422**; EP 2858845 A1 20150415; WO 2013186130 A1 20131219

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