

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  
**B60K 11/06** (2006.01); **B60K 11/04** (2006.01); **B60K 11/08** (2006.01); **B62D 35/00** (2006.01)

CPC (source: EP GB)  
**B60K 11/04** (2013.01 - EP); **B60K 11/06** (2013.01 - GB); **B60K 11/085** (2013.01 - EP); **B62D 35/007** (2013.01 - EP); **Y02T 10/82** (2013.01 - EP); **Y02T 10/88** (2013.01 - EP)

Citation (search report)  
See references of WO 2013186130A1

Designated contracting state (EPC)  
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BA ME

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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