

Title (en)

AIR SUPPLY DEVICE AND METHOD FOR STERILISING AN EVAPORATOR FOR THE CABIN OF A MOTOR VEHICLE

Title (de)

LUFTZUFUHRVORRICHTUNG UND VERFAHREN ZUR STERILISIERUNG EINES VERDAMPFERS FÜR DIE KABINE EINES MOTORFAHRZEUGS

Title (fr)

DISPOSITIF D'ALIMENTATION D'AIR ET PROCEDE DE STERILISATION D'UN EVAPORATEUR POUR HABITACLE DE VEHICULE AUTOMOBILE

Publication

EP 2114708 A2 20091111 (FR)

Application

EP 08762014 A 20080130

Priority

- FR 2008050154 W 20080130
- FR 0753013 A 20070201

Abstract (en)

[origin: FR2912086A1] The device (1) has controlled valve assemblies (15-17, 22) to permit flow of outlet gas of an evaporator (2) towards a cab interior during normal functioning and to permit flow of gas of the cab interior through the evaporator during sterilization of the evaporator. A sterilization system (5) e.g. cold plasma reactor, is arranged in upstream of the evaporator during sterilization of the evaporator, where the system has two electrodes separated by a dielectric material. An independent claim is also included for a method for sterilizing an evaporator of an air supply device of a cab interior of a motor vehicle.

IPC 8 full level

B60H 1/00 (2006.01); **B60H 3/00** (2006.01)

CPC (source: EP)

B60H 1/00828 (2013.01); **B60H 3/0078** (2013.01); **B60H 3/0085** (2013.01)

Citation (search report)

See references of WO 2008104664A2

Citation (examination)

US 2005142047 A1 20050630 - BAIK HONG K [KR], et al

Designated contracting state (EPC)

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