

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)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

**FR 2912086 A1 20080808; FR 2912086 B1 20090904; EP 2114708 A2 20091111; WO 2008104664 A2 20080904; WO 2008104664 A3 20081030**

DOCDB simple family (application)

**FR 0753013 A 20070201; EP 08762014 A 20080130; FR 2008050154 W 20080130**