

Title (en)

LINEAR AIR DIFFUSER MODULE COMPRISING A MULTIFUNCTIONAL SUPPORT MEMBER FOR A CAR BODY OF A PUBLIC TRANSPORTATION VEHICLE

Title (de)

LINEARES LUFTDIFFUSORMODUL MIT EINEM MULTIFUNKTIONELLEN STÜTZELEMENT FÜR EINEN WAGENKASTEN EINES FAHRZEUG DES ÖFFENTLICHEN VERKEHRS

Title (fr)

MODULE DE DIFFUSEUR D'AIR LINÉAIRE COMPRENANT UN ÉLÉMENT DE SUPPORT MULTIFONCTIONNEL POUR UNE CARROSSERIE D'UN VÉHICULE DE TRANSPORT PUBLIC

Publication

**EP 3168104 B1 20200506 (EN)**

Application

**EP 15194642 A 20151116**

Priority

EP 15194642 A 20151116

Abstract (en)

[origin: EP3168104A1] A linear air diffuser module (12), comprises an elongated support member (18) and a diffuser plate (20). The support member (18) including two longitudinal upright wall portions (26) facing one another and laterally enclosing a longitudinal air channel (28) provided with at least one upper opening and at least one elongated lower opening (31). The air diffuser plate (20) extends between the two longitudinal upright wall portions (26) to cover the lower opening (31) and is provided with diffusion openings (32) to direct a flow of air from the air channel (28) to an interior space (16) of a vehicle body of a public transportation vehicle. The support member (18) is a multifunctional structural member of the vehicle body provided with at least two upper C-shaped attachment rails (40) for attaching the linear air diffuser module (12) to the ceiling structure (10) and one or more lower C-shaped attachment rails (42) for attaching interior fitments (14) of the interior space (16) of the vehicle body to the support member (18).

IPC 8 full level

**B61D 27/00** (2006.01)

CPC (source: EP)

**B61D 27/00** (2013.01)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**EP 3168104 A1 20170517; EP 3168104 B1 20200506**

DOCDB simple family (application)

**EP 15194642 A 20151116**