

Title (en)

Device for ventilating at least one traction motor and/or one cooling system of a railway traction unit and railway traction unit provided with such a device

Title (de)

Vorrichtung zum Belüften mindestens eines Fahrmotors und/oder einer Kühleinrichtung eines Schienentriebfahrzeuges und Schienentriebfahrzeug mit einer derartigen Vorrichtung

Title (fr)

Dispositif d'aération d'au moins un moteur de traction et/ou d'un système de refroidissement d'un engin de traction ferroviaire et engin de traction ferroviaire pourvu d'un tel dispositif

Publication

EP 0625456 B1 19980923 (DE)

Application

EP 93810377 A 19930521

Priority

EP 93810377 A 19930521

Abstract (en)

[origin: EP0625456A1] The device contains at least one fan (20) which is arranged in the vehicle body (1) of the rail traction unit and is connected to an air duct (17, 18) which is assigned to the traction motor (8) and/or to a cooling system (12) for assemblies (13). The air duct (17, 18) is provided over at least part of its length, e.g. in a suction-side section (17a, 18a, 43, 44) with panelling (38, 38a, 38b) which consists of a mat made of a sound-absorbing material. By means of the panelling (38, 38a, 38b) it is possible to achieve effective reduction in particular of the noise of the air of the fan (20) which is emitted in the direction of flow and counter to the direction of flow of the cooled air, and of the noise of flow within the air duct (17, 18). The device is mainly provided for use on railway traction units with high driving powers. <IMAGE>

IPC 1-7

B61C 3/00; **B61C 17/04**

IPC 8 full level

B61C 3/00 (2006.01); **B61C 17/04** (2006.01)

CPC (source: EP)

B61C 3/00 (2013.01); **B61C 17/04** (2013.01)

Cited by

DE102010062647A1; DE102006043110A1; CN1077526C; DE102015226389B4; CN104442846A; EP2902298A4; EP3450277A1; US2019061787A1; CN109421759A; FR3070354A1; RU2764482C2; US10971968B2; US10112626B2; WO2008006679A3; WO0185516A1; WO2008031752A1; US10870438B2; WO02090165A1

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