

Title (en)

Ventilating equipment for rolling stock.

Title (de)

Lüftungseinrichtung für Schienenfahrzeuge.

Title (fr)

Equipement de ventilation pour véhicules ferroviaires.

Publication

EP 0523752 A1 19930120 (EN)

Application

EP 92116206 A 19881031

Priority

- EP 92116206 A 19881031
- JP 17509187 U 19871118
- JP 27576187 A 19871102
- JP 32703487 A 19871225

Abstract (en)

The ventilating equipment for rolling stock comprises an air supply means (31) for drawing air from the outside of a vehicle into the inside of a vehicle and an exhaust means (40) for exhausting air from the inside of the vehicle to the outside of the vehicle. In order to regulate a change in pressure within the vehicle resulting from a change in pressure outside the vehicle so as not to make passengers feel uncomfortable, in both the air flow passage on the air intake side of the air supply means (31) and the air flow passage on the air exhaust side of the exhaust means (40), damper means (34, 42) are disposed for adjusting the air flow passage areas. A pressure detecting means (43) is provided for detecting the outside air pressure. Further, a controller (44) sending a control command to the damper means (43, 42) is provided so as to adjust the air flow passage area in accordance with a value detected by that pressure detecting means (43) as a control input. <IMAGE>

IPC 1-7

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IPC 8 full level

B61D 27/00 (2006.01)

CPC (source: EP)

B61D 27/0009 (2013.01)

Citation (applicant)

- JP S5328166 U 19780310
- JP S589022 A 19830119 - OLIVETTI & CO SPA
- JP S6228166 U 19870220
- US 3563155 A 19710216 - ISHIZAWA MASAHIKO, et al

Citation (search report)

- [X] EP 0143931 A2 19850612 - MESSERSCHMITT BOELKOW BLOHM [DE]
- [A] US 3593644 A 19710720 - SHINYA TORAICHI
- [A] DE 1530049 A1 19700820 - LICENTIA GMBH

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RU177453U1; DE19637309A1; EP0620392A1; FR2704040A1; EP3674169A4; WO2015176879A1

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