

Title (en)
RAIL TRAIN AND SIDE WALL THEREOF

Title (de)
SCHIENENZUG UND SEITENWAND DAFÜR

Title (fr)
TRAIN ET SA PAROI LATÉRALE

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Application
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Abstract (en)
A side wall of a rail train, comprising a wall body (1) and a glass window (2) mounted on the wall body (1). The wall body (1) comprises an inner wall board and an outer wall board which are connected to each other, the wall body (1) is a double layered sandwich structure, a partition space (3), for transporting an air-conditioning air stream, being provided in the middle of the wall body, an upper end of the partition space (3) being located at the upper part of the wall body (1), and air inlets (4), for communicating with an air supply passage at the top of a compartment, being provided on the upper end of the partition space, and a lower end of the partition space (3) being located at the lower part of the wall (1), and an air outlet (5), for communicating with the inside of the compartment, being provided on the lower end of the partition space. The warm air generated by a heating system enters, through the air inlets (4), into the partition space (3), and then the warm air is delivered into the compartment by means of the air outlet (5) located at the bottom of the compartment; the invention uses the heat convection principle, ensuring a uniform heating supply, making the side walls have a heating function, ensuring the temperature of the side walls in a cold environment, and improving the overall thermal comfort in the compartment. A rail train comprising the side wall above.

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