

Title (en)

AIR CONDITIONING INSTALLATION FOR A PASSENGER CELL OF A VEHICLE

Title (de)

KLIMAANLAGE FÜR EINE FAHRGASTZELLE EINES FAHRZEUGS

Title (fr)

INSTALLATION DE CLIMATISATION DE L'HABITACLE D'UN VEHICULE AUTOMOBILE

Publication

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Application

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- EP 0310785 W 20030927

Abstract (en)

[origin: WO2004033235A1] The invention relates to an air conditioning installation for a passenger cell (10) of a vehicle, said passenger cell comprising a rear area. Said air conditioning installation comprises at least one air channel (18) which leads to the rear area (15) and is supplied with air at a pre-selectable temperature, and at least one air outflow device (20, 21) which is arranged in the rear area and connected to the air channel. The aim of the invention is to simplify the construction of the rear area air conditioning, while reducing production costs and maintaining climatic comfort in the rear area (15). To this end, a branch leads off the air channel (18), said branch being sealed by a second air outflow device arranged in the rear area, and an air distribution element (22) is arranged at the branching off point, which distributes the air volume flow in the air channel between the two air outflow devices (20, 21). Said air distribution element is embodied in such a way that the distribution of the air volume flow depends on the operating mode cooling and heating of the air conditioning installation.

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IPC 8 full level

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