

Title (en)  
RAILWAY CARRIAGE WITH HEATING AND AIR CONDITIONING

Publication  
**EP 0169833 B1 19900926 (DE)**

Application  
**EP 85890163 A 19850723**

Priority  
AT 244984 A 19840727

Abstract (en)  
[origin: EP0169833A2] 1. A railway carriage with heating and air conditioning, at least one compartment and a base air channel (2), extending below the window of the compartment, for supplying heated or conditioned base air to the compartment, which has its own secondary heating system (3), which system has air flowing through it emanating from the base air channel by way of at least one connecting opening (4), and which system has outlets (5, 5') which cooperate with discharge openings (6, 7, 8) in the compartment, arranged in the region of the lower edge of the window, wherein the secondary heating system (3) together with the base air channel (2) is covered, with clearance, by a covering (18) also containing the channel for air supply to the discharge openings (7) in the region of the lower edge of the window, said covering having, in the region between the seats (17), below the seat height, circulating-air return-current openings (19), which open, together with outlets (5') of the secondary heating system, into a channel leading to the discharge openings (7) in the region of the lower edge of the window, and the discharge openings (6) in this covering (18) are arranged under the seats (17), characterised in that the discharge openings (6) are blown through directly from nozzle-like outlets (5), lying therebehind, of the secondary heating system (3), and in that additional circulating-air return-current openings are arranged directly below the seats (17) and are formed by the discharge openings (6), enlarged relative to the outlets (5), wherein a low pressure region is created on the outer edge of the enlarged discharge openings (6).

IPC 1-7  
**B61D 27/00**

IPC 8 full level  
**B61D 27/00** (2006.01)

CPC (source: EP)  
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Cited by  
AT402722B; DE4430075A1; WO2016016049A1

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**EP 0169833 A2 19860129; EP 0169833 A3 19870610; EP 0169833 B1 19900926**; AT 382566 B 19870310; AT A244984 A 19860815; DE 3579864 D1 19901031; ES 545586 A0 19860616; ES 8608422 A1 19860616; TR 22910 A 19881015; YU 118885 A 19890228; YU 44893 B 19910430

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