

Title (en)

COACH BODYWORK, ESPECIALLY FOR RAILWAYS

Publication

EP 0148123 B1 19910116 (DE)

Application

EP 84810615 A 19841213

Priority

- CH 272384 A 19840605
- CH 689383 A 19831223

Abstract (en)

[origin: EP0148123A2] In a coach bodywork, in particular for railway coaches for passenger transport, a coach bodywork structure is formed from side and end walls (2) and roof (3). The said structure forms an external structure plane (14) for the coach bodywork structure (R), which is covered by an outer and a roof skin (16,52), insulating material (15) being arranged between outer or roof skin (16,52) and the structure plane (14). <??>The outer skin plates (16) are connected on the one hand loosely by means of spacing brackets (17a) which engage in grooves (21) of a profile (22,38,45) fixed on the coach bodywork structure or external structure plane (14) and on the other hand releasably by means of different spacing brackets to the structure plane (14) or are received by brackets (19a,b) attached to profiles (4,6,12) of the coach bodywork structure with intermediately placed insulation (20a,b). <IMAGE>

IPC 1-7

B61D 17/04; **B61D 17/08**; **B61D 17/18**; **B62D 31/02**

IPC 8 full level

B61D 17/00 (2006.01); **B61D 17/04** (2006.01); **B61D 17/08** (2006.01); **B61D 17/12** (2006.01); **B61D 17/18** (2006.01); **B62D 31/02** (2006.01)

CPC (source: EP US)

B61D 17/005 (2013.01 - EP US); **B61D 17/041** (2013.01 - EP US); **B61D 17/043** (2013.01 - EP US); **B61D 17/08** (2013.01 - EP US); **B61D 17/12** (2013.01 - EP US); **B61D 17/18** (2013.01 - EP US); **Y10S 411/903** (2013.01 - EP US)

Cited by

DE4301763A1; DE3614502A1; EP0243307A1; CN113173187A; DE19516259A1; EP0260200A1; FR2617785A1; CN103921800A; WO9118780A1

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EP 0148123 A2 19850710; **EP 0148123 A3 19861230**; **EP 0148123 B1 19910116**; AU 3605484 A 19850627; CA 1243547 A 19881025; DE 3483961 D1 19910221; DK 159254 B 19900924; DK 159254 C 19910225; DK 588684 A 19850624; DK 588684 D0 19841210; ES 538837 A0 19850901; ES 8507395 A1 19850901; FI 81531 B 19900731; FI 81531 C 19901112; FI 844996 A0 19841218; FI 844996 L 19850624; NO 160764 B 19890220; NO 160764 C 19890531; NO 845122 L 19850624; US 4974900 A 19901204

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EP 84810615 A 19841213; AU 3605484 A 19841130; CA 470912 A 19841221; DE 3483961 T 19841213; DK 588684 A 19841210; ES 538837 A 19841219; FI 844996 A 19841218; NO 845122 A 19841220; US 92025286 A 19861016