

Title (en)

COACH BODYWORK, ESPECIALLY FOR RAILWAYS

Publication

EP 0148123 A3 19861230 (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)

Citation (search report)

- FR 1163667 A 19580930 - INVENTIO AG
- DE 2729910 A1 19780112 - ALSTHOM ATLANTIQUE
- US 3353863 A 19671121 - KOOT ALPHONSUS E
- DD 105777 A1 19740512
- DE 2751753 A1 19790510 - ALUSUISSE
- DE 3019843 A1 19801204 - FIAT RICERCHE

Cited by

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

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