

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



162162

(43) International Publication Date
1 August 2002 (01.08.2002)

PCT

(10) International Publication Number
WO 02/058981 A1

(51) International Patent Classification⁷: **B61D 17/04**

(21) International Application Number: PCT/SE02/00109

(22) International Filing Date: 23 January 2002 (23.01.2002)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0100230-2 26 January 2001 (26.01.2001) SE

(71) Applicant (for all designated States except US): **BOMBARDIER TRANSPORTATION GMBH** [DE/DE]; Saatwinkler Damm 43, 13627 Berlin (DE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **SJÖBÄCK, Conny** [SE/SE]; Skeppsgossevägen 9, S-393 59 Kalmar (SE). **FORSBERG, Per** [SE/SE]; Mercuriusvägen 6B, S-393 51 Kalmar (SE). **VON WERNE, Dirk** [DE/BE]; Lourdeslaan 110, 2650 Edegem (BE). **KARLSSON, Stefan** [SE/SE];

Torgvägen 1, S-394 77 Kalmar (SE). **PECO, Faruk** [SE/SE]; Två systerars väg 14 C, S-393 57 Kalmar (SE). **SVENDING, Björn** [SE/SE]; Dunövägen 26B, S-394 77 Kalmar (SE).

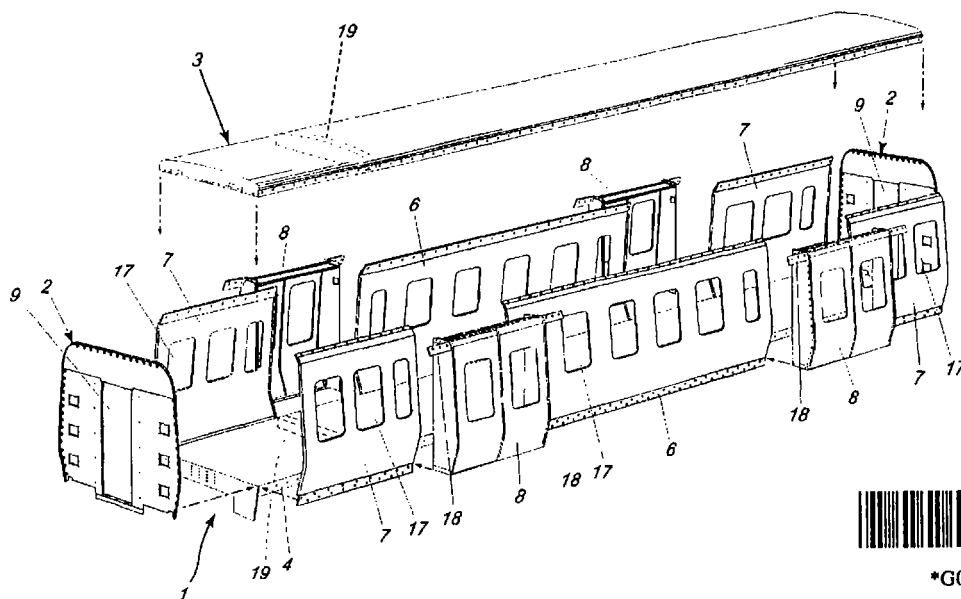
(74) Agent: **CARLSSON, Sara**; Bombardier Transportation Sweden AB, S-721 73 Västerås (SE).

(81) Designated States (national): AE, AG, AL, AM, AT (utility model), AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ (utility model), DE (utility model), DK (utility model), DM, DZ, EC, EE (utility model), ES, FI (utility model), GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK (utility model), SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent

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(54) Title: A RAIL VEHICLE CARBODY OF MODULAR CONSTRUCTION



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(57) Abstract: A carbody for a railbound vehicle of a modular construction comprising a floor module (1), a roof module (3), each forming single piece, self supporting structures, two end structures (2) and sides. The sides comprise vertical elements that are joint at the top to the roof module and at the bottom to the floor module and at the side to an adjoining vertical element or to an end structure. The vertical elements comprise wall modules (6, 7) and door modules (8). The door modules are self-supporting, structural parts mainly contributing to the cross-sectional strength of the vehicle, and the wall modules are thin, self-supporting structures and mainly contributes to the longitudinal strength of the vehicle. The door modules and said wall modules are the only structural parts of the sides. All joints are made with cold joining methods only.

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(BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB,
GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ,
CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD,
TG)

Declaration under Rule 4.17:

— as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, ARIPO patent

Published:

— with international search report

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