

Title (en)
RAIL VEHICLE WITH BODY

Title (de)
SCHIENENFAHRZEUG MIT WAGENKASTEN

Title (fr)
VEHICULE FERROVIAIRE ET CAISSE DE WAGON

Publication
EP 0881975 A1 19981209 (DE)

Application
EP 97904394 A 19970208

Priority
• DE 19606792 A 19960223
• EP 9700570 W 19970208

Abstract (en)
[origin: WO9730877A1] In a rail vehicle with a modular-construction body (2), individual major modules (5-8) like floor, roof and side-wall modules and possibly end-wall modules or a driving cab are first made, assembled and fitted out, operationally tested and then joined together in the region of adjacent side edges (19) by a cold or low-heat method.

IPC 1-7
B61D 17/04; **B61D 17/06**; **B62D 31/02**

IPC 8 full level
B61D 17/00 (2006.01); **B61D 17/04** (2006.01); **B61D 17/06** (2006.01); **B62D 31/02** (2006.01)

CPC (source: EP)
B61D 17/045 (2013.01); **B61D 17/06** (2013.01)

Citation (search report)
See references of WO 9730877A1

Cited by
CN104015749A; CN112026807A

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB IT LI NL PT SE

DOCDB simple family (publication)
WO 9730877 A1 19970828; AT E183159 T1 19990815; CA 2247504 A1 19970828; CA 2247504 C 20030923; CN 1089701 C 20020828; CN 1211953 A 19990324; CZ 268798 A3 19981216; CZ 286361 B6 20000315; DE 19606792 A1 19970828; DE 59700331 D1 19990916; EP 0881975 A1 19981209; EP 0881975 B1 19990811; ES 2134675 T3 19991001; HR P970091 A2 19991231; HR P970091 B1 20010831; HU 221688 B1 20021228; HU P9900999 A2 19990628; HU P9900999 A3 20011029; JP H11504591 A 19990427; NO 313990 B1 20030113; NO 983801 D0 19980819; NO 983801 L 19981013; PL 328374 A1 19990118; YU 7097 A 19990304

DOCDB simple family (application)
EP 9700570 W 19970208; AT 97904394 T 19970208; CA 2247504 A 19970208; CN 97192450 A 19970208; CZ 268798 A 19970208; DE 19606792 A 19960223; DE 59700331 T 19970208; EP 97904394 A 19970208; ES 97904394 T 19970208; HR P970091 A 19970217; HU P9900999 A 19970208; JP 52974597 A 19970208; NO 983801 A 19980819; PL 32837497 A 19970208; YU 7097 A 19970224