

Title (en)
Method for assembling railway cars

Title (de)
Verfahren zur Montage von Schienenfahrzeugen

Title (fr)
Procédé d'assemblage des véhicules ferroviaires

Publication
EP 1043206 A1 20001011 (EN)

Application
EP 99830197 A 19990406

Priority
EP 99830197 A 19990406

Abstract (en)
The invention refers to a method for assembling railway cars obtained by joining together by means of longitudinal welds a floor (10), two body sides (12, 13) and a roof (14), said floor, body sides and roof being made of aluminium alloy extruded panels wherein all welds are accomplished working from the outside of the railway car by means of automated welding arms sliding along all the length of the car. <IMAGE>

IPC 1-7
B61D 17/04

IPC 8 full level
B61D 17/04 (2006.01)

CPC (source: EP)
B61D 17/043 (2013.01)

Citation (search report)
• [X] EP 0890409 A2 19990113 - BISIACH BRUNO [IT]
• [A] EP 0790168 A1 19970820 - HOOGO VENS ALUMINIUM PROFILTECH [DE]
• [A] EP 0605366 A1 19940706 - FIAT FERROVIARIA SPA [IT]
• [A] EP 0474510 A1 19920311 - HITACHI LTD [JP]

Cited by
EP2130738A1; FR3074765A1; AU2015101891B4; CN102083667A; WO2015118571A1; WO2009146941A1; EP4215427A1; JP2013082277A; EP3272616B1; EP3272616A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 1043206 A1 20001011

DOCDB simple family (application)
EP 99830197 A 19990406