

Title (en)
ALUMINUM LARGE-PROFILE MAIN STRETCHER FOR RAIL VEHICLES

Title (de)
HAUPTQUERTRÄGER FÜR SCHIENENFAHRZEUGE IN ALUMINIUM-GROSSPROFIL-BAUWEISE

Title (fr)
SUPPORT TRANSVERSAL PRINCIPAL POUR VEHICULES SUR RAILS, CONSTITUE D'UN PROFILE DE GRANDE TAILLE EN ALUMINIUM

Publication
EP 1232084 B1 20030827 (DE)

Application
EP 00972419 A 20001023

Priority
• AT 0000275 W 20001023
• AT 194399 A 19991117

Abstract (en)
[origin: WO0136245A1] The invention relates to a rail vehicle with at least two main stretchers (2) that substantially extend over the entire width of the rail vehicle and to which floor profiles (3) are fastened that substantially extend parallel to the longitudinal direction of the rail vehicle (1). Said main stretchers (2) have a bottom flange (4) and at least one top flange (5a, b) and webs (6) extending thereinbetween. Said webs (6) extend from the bottom flange (4) of the respective main stretcher (2) at least partially to the lower side (3a) of the floor profiles (3) and are linked therewith. The at least one top flange (5a, b) of the respective main stretcher (2) is linked with the top side of the floor profiles (3).

IPC 1-7
B61F 1/12; **B61D 17/04**; **B62D 21/03**

IPC 8 full level
B61D 17/10 (2006.01); **B61D 17/04** (2006.01); **B61F 1/12** (2006.01); **B62D 21/03** (2006.01)

CPC (source: EP)
B61D 17/041 (2013.01); **B61F 1/12** (2013.01)

Designated contracting state (EPC)
AT CH GB LI

DOCDB simple family (publication)
WO 0136245 A1 20010525; AT 408644 B 20020125; AT A194399 A 20010615; AT E248085 T1 20030915; CZ 20021477 A3 20020717; CZ 300369 B6 20090506; EP 1232084 A1 20020821; EP 1232084 B1 20030827; JP 2003514710 A 20030422; JP 4686665 B2 20110525; TW 572839 B 20040121

DOCDB simple family (application)
AT 0000275 W 20001023; AT 00972419 T 20001023; AT 194399 A 19991117; CZ 20021477 A 20001023; EP 00972419 A 20001023; JP 2001538213 A 20001023; TW 89124329 A 20001117