

Title (en)
FRAME FOR RAILROAD WAGON

Publication
EP 0333152 B1 19921216 (DE)

Application
EP 89104571 A 19890315

Priority
DE 3808800 A 19880316

Abstract (en)
[origin: EP0333152A2] The subject of the invention is a torsion-proof frame for railway goods waggons with longitudinal and transverse carriers in which a plurality of torsion-proof longitudinal carriers (6-9) are coupled to one another by means of a plurality of dimensionally rigid transverse carriers (10a-10d). Preferably, four longitudinal carriers are provided with the cross-section of a closed box profile, two of these four longitudinal carriers forming the lateral delimitation of the frame as external longitudinal carriers (6, 7) and ending at inner transverse carriers (10a, 10b) in the region of the running gears, whilst inner longitudinal carriers (8, 9) end at external transverse carriers (10c, 10d) in the region of the running gears.
<IMAGE>

IPC 1-7
B61D 45/00; **B61F 1/00**

IPC 8 full level
B61D 45/00 (2006.01); **B61F 1/00** (2006.01)

CPC (source: EP)
B61F 1/00 (2013.01)

Cited by
EP0742132A1; FR2760712A1; CN108313084A; DE10259512A1; FR2695095A1; EP0798191A1; FR2746754A1; EP0507109A1

Designated contracting state (EPC)
AT BE DE ES FR GB IT SE

DOCDB simple family (publication)
EP 0333152 A2 19890920; **EP 0333152 A3 19900425**; **EP 0333152 B1 19921216**; AT E83444 T1 19930115; DE 3808800 A1 19891005; DE 58902987 D1 19930128; ES 2036290 T3 19930516

DOCDB simple family (application)
EP 89104571 A 19890315; AT 89104571 T 19890315; DE 3808800 A 19880316; DE 58902987 T 19890315; ES 89104571 T 19890315