

Title (en)
FRAME FOR RAILROAD WAGON

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EP 0333152 A3 19900425 (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>

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B61D 45/00 (2006.01); **B61F 1/00** (2006.01)

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

Citation (search report)
• [A] EP 0182138 A2 19860528 - WAGGON UNION GMBH [DE]
• [A] DE 1530165 A1 19690925 - TALBOT WAGGONFAB
• [A] AT 300017 B 19720710 - JENBACHER WERKE A G
• [A] DE 1233002 B 19670126 - PULLMAN INC
• [A] DE 1755689 B1 19710408 - ACF IND INC
• [A] MAN Forschungsheft Nr. 14/1968/69, Seiten 105-114 D. FUCHS, "Unterschiedliche Verwindungssteifigkeiten von Nutzfahrzeug-rahmen bei verschiedenen Einsatzbedingungen"

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

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