

Title (en)
Twin-axle railway goods wagon

Title (de)
Zweiachsiger Eisenbahngüterwagen

Title (fr)
Wagon à marchandises à deux essieux

Publication
EP 1090825 A3 20020410 (DE)

Application
EP 00890300 A 20001005

Priority
AT 171199 A 19991007

Abstract (en)
[origin: EP1090825A2] The goods wagon is designed so that the frame (1) is arranged underneath the middle of the buffers (3), and the buffer breast (29) of at least one head piece (2) is supported at the frame, additionally over at least one support, which pref. engages in the top end region of the buffer breast, esp. undetachably connected e.g. by a welding seam. leaf springs (17) and parabolic springs are fitted at the mountings of the running wheels (16).

IPC 1-7
B61F 1/10; **B61D 3/04**; **B61D 3/16**; **B61D 47/00**; **B61D 9/02**; **B61D 15/00**

IPC 8 full level
B61D 3/04 (2006.01); **B61D 3/16** (2006.01); **B61D 47/00** (2006.01); **B61F 1/10** (2006.01)

CPC (source: EP)
B61D 3/04 (2013.01); **B61D 3/16** (2013.01); **B61D 47/00** (2013.01); **B61F 1/10** (2013.01)

Citation (search report)

- [XY] EP 0301210 A1 19890201 - COSTAMASNAGA SPA [IT]
- [DX] FR 1087352 A 19550223
- [DXAY] DE 4418884 A1 19941201 - VALTIONRAUTATIET [FI]
- [Y] US 4583464 A 19860422 - HARWOOD NEIL A [GB]
- [YA] DE 19549277 A1 19970626 - DEUTSCHE WAGGONBAU AG [DE]
- [Y] DE 9113007 U1 19911219
- [Y] US 5249532 A 19931005 - PERROT PIERRE [FR]
- [Y] DE 19625691 A1 19980108 - DEUTSCHE BAHN AG [DE]
- [A] DE 4136430 A1 19930506
- [A] GB 215793 A 19250226 - JEAN CAMBESSEDES
- [YA] DE 29604163 U1 19960509 - PLASSER BAHNBAUMASCH FRANZ [AT]

Cited by
EP2778011A1; CN106740950A; FR3072636A1; CN103978986A; RU204265U1

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 1090825 A2 20010411; **EP 1090825 A3 20020410**

DOCDB simple family (application)
EP 00890300 A 20001005