

Title (en)
MULTI-PURPOSE BOGIE FOR RAIL VEHICLES

Publication
EP 0384512 A3 19910502 (EN)

Application
EP 90200299 A 19900209

Priority
IT 1955589 A 19890224

Abstract (en)
[origin: EP0384512A2] A drive and/or supporting bogie for rail vehicles consisting of a bogie frame (11) provided with a swinging cross-member (12) fixed to hangers (15) in such a manner as to be very close to the ground, ie to the rail plane, each wheel of the bogie being independent and driven separately by its own motor-reduction gear unit (29-30).

IPC 1-7
B61F 3/04; **B61D 17/10**; **B61D 13/00**

IPC 8 full level
B61D 13/00 (2006.01); **B61D 17/10** (2006.01); **B61F 3/04** (2006.01)

CPC (source: EP KR)
B61D 13/00 (2013.01 - EP); **B61D 17/10** (2013.01 - EP); **B61F 3/04** (2013.01 - EP); **B61F 5/00** (2013.01 - KR)

Citation (search report)

- [X] US 4644872 A 19870224 - VIANELLO GIORGIO [IT], et al
- [A] EP 0288589 A1 19881102 - SIEMENS AG [DE]
- [A] US 2404091 A 19460716 - PORTEUS JOHN H
- [A] FR 1170814 A 19590119

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EP0763454A3; EP0698540A1; EP0465346A1; EP0448147A3; EP0557892A3; EP0591088A1; ES2078137A1; AU671144B2; AU654220B2; US5415107A; EP0571961A1; TR26485A; US6363861B1; WO9956996A1; WO9309989A1

Designated contracting state (EPC)
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