

Title (en)
A MOTOR BOGIE FOR RAILWAY VEHICLES

Publication
EP 0357564 B1 19930317 (EN)

Application
EP 89830275 A 19890620

Priority
IT 6773888 A 19880804

Abstract (en)
[origin: EP0357564A2] A motor bogie (1) for railway vehicles includes a load-bearing structure (3) constituted by a pair of side members (4,5) braced by transverse members (6) and connected to a pair of axles (8,9), by respective bushes (7), a pair of motors (13,14) for rotating the wheels (10,11) of the axles (8,9), and vertical and transverse suspension means (20,21) between the load-bearing structure (3) and the body (2) of the railway vehicle. The motors (13,14) are supported directly by the body (2) of the vehicle and also drive the respective axles (8,9) directly; the suspension means (20,21) are interposed between the frame of the body (2) and the bushes (7) of the axles (8,9).

IPC 1-7
B61C 9/44

IPC 8 full level
B61C 9/44 (2006.01); **B61F 3/04** (2006.01)

CPC (source: EP)
B61C 9/44 (2013.01); **B61F 3/04** (2013.01)

Cited by
US6443071B2; CN104802818A; CN106494446A

Designated contracting state (EPC)
AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
EP 0357564 A2 19900307; EP 0357564 A3 19900718; EP 0357564 B1 19930317; AT E86929 T1 19930415; DE 68905410 D1 19930422; DE 68905410 T2 19930708; ES 2039093 T3 19930816; IT 1223754 B 19900929; IT 8867738 A0 19880804

DOCDB simple family (application)
EP 89830275 A 19890620; AT 89830275 T 19890620; DE 68905410 T 19890620; ES 89830275 T 19890620; IT 6773888 A 19880804