

Title (en)

ELECTRIC MOTOR-AND-GEARBOX DRIVE UNIT FOR RAILWAY VEHICLES SUCH AS TRAMWAYS OR THE LIKE

Publication

EP 0010619 B1 19811125 (DE)

Application

EP 79103672 A 19790927

Priority

DE 2848106 A 19781106

Abstract (en)

[origin: EP0010619A1] 1. An electric motor-gear unit for driving rail vehicles, comprising a driving motor (1) and a reducing gear (28, 29, 36, 38) driven by said motor and acting on one or both wheel sets or directly on the wheels (52), characterized in that the motor armature (2) is supported on the drive shaft (4, 19, 24, 29, 30) of the gear (28, 29, 36, 38) in cantilever fashion and that the drive shaft is running in the gear housing (6, 18, 39, 51) in at least two oil-lubricated bearings (7), with the motor housing (5) and the gear housing (6, 18, 39, 51) being centrally positioned with respect to each other and connected by screws.

IPC 1-7

B61C 9/50; **B61C 17/08**

IPC 8 full level

B61C 9/50 (2006.01); **B61C 17/08** (2006.01)

CPC (source: EP)

B61C 9/50 (2013.01); **B61C 17/08** (2013.01)

Cited by

DE10049819A1; RU2709634C2; CN110979380A; DE3731546A1; EP2883776A1; FR3014397A1; CN104691561A; CN110979379A; EP4306347A1; US6363861B1; US12011994B2; EP0308616A2; WO2016202942A1; WO9956996A1; WO2017093094A1; EP0052244B1

Designated contracting state (EPC)

AT BE CH DE FR IT

DOCDB simple family (publication)

EP 0010619 A1 19800514; **EP 0010619 B1 19811125**; AT E420 T1 19811215; DE 2848106 A1 19800514; DE 2961459 D1 19820128

DOCDB simple family (application)

EP 79103672 A 19790927; AT 79103672 T 19790927; DE 2848106 A 19781106; DE 2961459 T 19790927