

Title (en)  
Undercarriage, in particular one-rail under-flange carriage, for hoisting equipment

Title (de)  
Fahrwerk, insbesondere Einschienenunterflansch-Fahrwerk für Hebezeuge

Title (fr)  
Châssis d'un véhicule avec un treuil de levage, suspendu à un monorail

Publication  
**EP 1892169 A3 20081126 (DE)**

Application  
**EP 07114537 A 20070817**

Priority  
DE 102006039812 A 20060825

Abstract (en)  
[origin: EP1892169A2] The chassis (1) has left and right wheels (3l, 3r) located at right and left side plates (5r, 5l) and running on a rail (4). The wheels arranged in series are seen in a driving direction of the chassis, where the wheels are driven by an electric motor (10). The wheels are drivingly connected to shafts, where the shafts are coaxially aligned to a rotation axis of the wheels. The right and left plates have hubs projected at an inner side, on which the wheels are mounted. Gear wheels are mounted on the shafts and mesh with one another over an intermediate gear wheel.

IPC 8 full level  
**B61B 13/04** (2006.01); **B61C 13/04** (2006.01); **B66C 9/02** (2006.01)

CPC (source: EP US)  
**B61B 13/04** (2013.01 - EP US); **B61C 13/04** (2013.01 - EP US); **B66C 9/02** (2013.01 - EP US)

Citation (search report)

- [Y] DE 8434418 U1 19850411
- [Y] DE 9000600 U1 19900301
- [A] EP 0802149 A1 19971022 - MANNESMANN AG [DE]
- [A] DE 3708175 A1 19880922 - ZENITH MASCHF GMBH [DE]
- [A] EP 0185574 A1 19860625 - GERLACH USINES SA [FR]
- [A] GB 1177452 A 19700114 - BECORIT GRUBENAUSSBAU GMBH [DE]

Cited by  
EP3395744A1; US10807835B2; US10597263B2; WO2016083579A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK RS

DOCDB simple family (publication)  
**EP 1892169 A2 20080227; EP 1892169 A3 20081126; EP 1892169 B1 20100721**; AT E474757 T1 20100815; DE 102006039812 B3 20080221; DE 502007004456 D1 20100902; US 2008047919 A1 20080228; US 7739960 B2 20100622

DOCDB simple family (application)  
**EP 07114537 A 20070817**; AT 07114537 T 20070817; DE 102006039812 A 20060825; DE 502007004456 T 20070817; US 84470607 A 20070824