Title (en)

Driven axle with independently rotating wheels

Title (de)

Angetriebene Achse mit unabhängig drehenden Rädern

Title (fr)

Essieu motorisé à roues indépendantes en rotation

Publication

EP 0810137 B1 20011205 (FR)

Application

EP 97401079 A 19970515

Priority

FR 9606589 A 19960529

Abstract (en)

[origin: EP0810137A1] The shell (Cv) of the vehicle bears upon the cross-beam (Tc) through a ball-bearing ring (Cr). The cross-beam is coupled by secondary suspension (Su) to the lateral casings (Pr1,Pr2) of the beam of a reduction bridge implemented in three parts. This bridge combines the functions of a load-carrier, an axle drive and a transmission for the torque from the traction motor(s), whose axes are parallel to the axle. The motor(s) may be flanged to the beam of the bridge or may float with respect to it.

IPC 1-7

B61F 3/16; B61C 9/44

IPC 8 full level

B61C 9/44 (2006.01); **B61F 3/04** (2006.01); **B61C 9/38** (2006.01); **B61F 3/16** (2006.01)

CPC (source: EP US)

B61C 9/44 (2013.01 - EP US); **B61F 3/16** (2013.01 - EP US)

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