

Title (en)  
TRANSVERSELY ARTICULATED VEHICLE

Publication  
**EP 0179256 B1 19890104 (DE)**

Application  
**EP 85111605 A 19850913**

Priority  
CH 513484 A 19841026

Abstract (en)  
[origin: ES8609049A1] This joint allows a drive member and a driven member of a transversely divided or separated vehicle to be deflected relative to each other about a virtual pivot axis which extends in a direction transversely to the vehicle. The drive member and the driven member are connected on each side by a first support element which supports against forces acting parallel to the transverse and vertical axes of the drive member and by a second support element which supports against traction and braking forces. Each first support element contains a support roll rotatably supported in a support at the driven member and guided in the longitudinal direction of the vehicle in a slide bracket arranged at the drive member. Each second support element comprises a hinged link rotatably mounted about a respective transverse axis at the drive member and the driven member. When travelling over changing slopes or gradients there results automatic matching of axle loads and torques at the drive wheel due to the deflection of the vehicle members.

IPC 1-7  
**B66F 9/075**

IPC 8 full level  
**B60D 1/30** (2006.01); **B66F 9/075** (2006.01)

CPC (source: EP US)  
**B66F 9/07586** (2013.01 - EP US)

Cited by  
EP2184255A1

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

DOCDB simple family (publication)  
**EP 0179256 A1 19860430; EP 0179256 B1 19890104**; AT E39677 T1 19890115; CA 1262747 A 19891107; DE 3567195 D1 19890209; ES 547821 A0 19860901; ES 8609049 A1 19860901; FI 84158 B 19910715; FI 84158 C 19911025; FI 854162 A0 19851024; FI 854162 L 19860427; JP S61105203 A 19860523; US 4690422 A 19870901

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**EP 85111605 A 19850913**; AT 85111605 T 19850913; CA 493330 A 19851018; DE 3567195 T 19850913; ES 547821 A 19851011; FI 854162 A 19851024; JP 23923685 A 19851025; US 78962785 A 19851021