

Title (en)

IMPROVEMENTS TO VEHICLE SUSPENSION SYSTEMS

Title (de)

VERBESSERUNGEN AN FAHRZEUGAUFHÄNGUNGSSYSTEMEN

Title (fr)

AMELIORATIONS DE SYSTEMES DE SUSPENSIONS DE VEHICULES

Publication

EP 0975478 A1 20000202 (EN)

Application

EP 98914708 A 19980417

Priority

- AU 9800268 W 19980417
- AU PO625897 A 19970417

Abstract (en)

[origin: WO9847730A1] A suspension system for a vehicle having a body (1) supported on at least one forward pair of laterally spaced wheels and at least one rear pair of laterally spaced wheels, including suspension means for supporting the vehicle body above each said pair of wheels, said suspension means including front and rear fluid support means (4, 5) for supporting at least a portion of the load on the suspension means, at least one of the vehicle support means (4, 5) providing substantially zero roll stiffness for the vehicle, roll moment reaction means (8) for providing location of the body (1) about a substantially level roll attitude, and pitch control means (12) interconnecting the front and rear fluid support means (4, 5), wherein changes in fluid pressure within at least one of said fluid support means are transferable by the pitch control means to the other said fluid support means.

IPC 1-7

B60G 21/04; B60G 21/045; B60G 21/05; B60G 21/06; B60G 21/067; B60G 21/073

IPC 8 full level

B60G 21/055 (2006.01); **B60G 21/06** (2006.01)

CPC (source: EP)

B60G 21/0556 (2013.01); **B60G 21/06** (2013.01); B60G 2202/135 (2013.01); B60G 2202/154 (2013.01); B60G 2202/413 (2013.01); B60G 2204/80 (2013.01); B60G 2204/82 (2013.01); B60G 2204/8304 (2013.01)

Citation (search report)

See references of WO 9847730A1

Cited by

GB2460169A; GB2460169B

Designated contracting state (EPC)

DE ES FR GB

DOCDB simple family (publication)

WO 9847730 A1 19981029; AU PO625897 A0 19970515; CA 2286103 A1 19981029; EP 0975478 A1 20000202; JP 2001520602 A 20011030

DOCDB simple family (application)

AU 9800268 W 19980417; AU PO625897 A 19970417; CA 2286103 A 19980417; EP 98914708 A 19980417; JP 54455098 A 19980417