

Title (en)
Rigid axle suspension system for a vehicle.

Title (de)
Starrachsaufhängung für Fahrzeuge.

Title (fr)
Suspension d'essieu rigide pour véhicule.

Publication
EP 0000979 A1 19790307 (EN)

Application
EP 78300217 A 19780731

Priority
• GB 3408077 A 19770813
• GB 3408177 A 19770813

Abstract (en)
[origin: ES472503A1] A vehicle having a rigid axle connected to the vehicle chassis by link assemblies each comprising a first link connected at an end of the axle and an upper, second, link pivoted at one end to the chassis, the other ends of the two links being pivoted together. A spring acts on the second link at a position to give a displacement of the spring in roll of between 75% and 125% of its displacement in bump. The upper link may be triangulated in an assembly to provide for pivoting of its connection with the first link about an axis inclined to the vehicle center line.

IPC 1-7
B60G 9/00

IPC 8 full level
B60G 9/04 (2006.01); **B60G 9/02** (2006.01)

CPC (source: EP US)
B60G 9/027 (2013.01 - EP US)

Citation (search report)
• FR 992744 A 19511022 - ELECTROTUBE SOLESMES
• US 3044799 A 19620717 - FIALA ERNST J H
• GB 339625 A 19301208 - MARCELLE SOMBRUN
• US 3326544 A 19670620 - SMITH STUYVESANT C
• FR 794248 A 19360211
• DE 2505841 A1 19760826 - BONEFELD XAVER DIPL ING
• US 3692324 A 19720919 - CORBIN PAUL
• DE 870647 C 19530316 - BAYERISCHE MOTOREN WERKE AG
• US 3069185 A 19621218 - HOLMSTROM JOHN G
• DE 2553960 A1 19770602 - LOEFFLER WALTER

Cited by
FR2589107A1

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BE DE FR GB LU NL SE

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EP 0000979 A1 19790307; EP 0000979 B1 19810923; AU 3871178 A 19800214; AU 528813 B2 19830512; BR 7805157 A 19790508; CA 1082234 A 19800722; DE 2861114 D1 19811210; DK 356078 A 19790214; ES 472503 A1 19790316; JP S5433424 A 19790312; US 4278270 A 19810714

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EP 78300217 A 19780731; AU 3871178 A 19780807; BR 7805157 A 19780811; CA 308785 A 19780804; DE 2861114 T 19780731; DK 356078 A 19780811; ES 472503 A 19780811; JP 9897178 A 19780814; US 93017678 A 19780802