

Title (en)
MODULAR MOTOR VEHICLE CHASSIS

Title (de)
KRAFTFAHZEUG MIT BAUKASTENARTIGEM FAHRGESTELL

Title (fr)
CHASSIS MODULAIRE POUR VEHICULE A MOTEUR

Publication
EP 0891277 A4 20000322 (EN)

Application
EP 97918777 A 19970423

Priority
• US 9706738 W 19970423
• US 1613896 P 19960424

Abstract (en)
[origin: WO9739936A1] A modular chassis (10) for a front engine rear drive motor vehicle is described which comprises as structural components a front structural member (A) attached rigidly and detachably to a tubular structural member (B) which is attached rigidly and detachably to a rear structural member (C) wherein the front structural member (A) comprises a structural member (A2) providing attachment points (30) for front suspension members (8) and an engine and supports the torsional, lateral and longitudinal loads created between the front suspension members (8) and the tubular structural member (B). The tubular structural member (B) is longitudinally disposed on the center line of the vehicle (10) between the front structural member (A) and the rear structural member (C) and supports the majority of the torsional, lateral and longitudinal loads created between the front and rear structural members (A and C). The rear structural member (C) comprises a structural member (C) providing attachment points for rear suspension members (9) and a transmission (4) and supports the torsional, lateral and longitudinal loads created between the rear suspension members (C) and the tubular member (B).

IPC 1-7
B62D 21/04

IPC 8 full level
B60G 3/20 (2006.01); **B60G 15/06** (2006.01); **B62D 21/04** (2006.01)

CPC (source: EP)
B60G 3/20 (2013.01); **B60G 15/062** (2013.01); **B62D 21/04** (2013.01); **B60G 2200/144** (2013.01); **B60G 2202/312** (2013.01); **B60G 2204/129** (2013.01); **B60G 2204/422** (2013.01); **B60G 2206/0114** (2013.01); **B60G 2206/60** (2013.01); **B60G 2206/605** (2013.01); **B60G 2300/27** (2013.01)

Citation (search report)
• [XY] US 1739535 A 19291217 - WRIGHT JAMES A
• [Y] DE 764934 C 19530126 - DAIMLER BENZ AG
• [X] DE 448406 C 19270812 - PAUL G EHRHARDT
• [X] FR 504990 A 19200720 - RENE LUCIEN GUSTAVE LE GRAIN [FR]
• [Y] DE 737775 C 19430723 - CARL SCHMITT, et al
• [A] US 2421351 A 19470527 - PAGE HERBERT E
• [A] "DE TOMASO GUARA LA FUITE EN AVANT", REVUE AUTOMOBILE,CH,HALLWAG S.A. BERNE, vol. 88, no. 13, 25 March 1993 (1993-03-25), pages 17, XP000351051
• See references of WO 9739936A1

Cited by
CN109533028A

Designated contracting state (EPC)
DE FR GB IT SE

DOCDB simple family (publication)
WO 9739936 A1 19971030; EP 0891277 A1 19990120; EP 0891277 A4 20000322

DOCDB simple family (application)
US 9706738 W 19970423; EP 97918777 A 19970423