

Title (en)

FOUR-WHEEL DRIVE MOTOR VEHICLE WITH ARTICULATED VEHICLE STEERING

Title (de)

KRAFTFAHRZEUG MIT ALLRADANTRIEB UND KNICKLENKUNG

Title (fr)

VEHICULE A TRACTION TOUTES ROUES MOTRICES ET A DIRECTION PIVOTANTE

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Application

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Abstract (en)

[origin: WO0073125A1] The invention relates to a four-wheel drive motor vehicle, wherein the front carriage and the rear carriage are movably connected to one another by means of a center pivot steering (7, 26) and a roll articulation (9) and the drive train comprises a motor-transmission unit (11), a transfer case (14) and driven axles (3, 6, 6'; 23), which are connected to one another by means of articulated shafts or to the transfer case. The invention aims at further improving handling performance and operational safety of said vehicle. To this end, the roll articulation (9) is disposed behind the center pivot steering (7, 26) and the transfer case (14) is mounted in an intermediate section (8) between the center pivot steering (7, 26) and the roll articulation (9). The front carriage (1) and the rear carriage (4) are connected to one another by means of the intermediate section (8) in which the transfer case (14) is mounted.

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