

Title (en)

STEERING DRIVE SYSTEM AND SKID STEER VEHICLE EQUIPPED THEREWITH

Title (de)

LENKANTRIEBSSYSTEM UND DAMIT AUSGERÜSTETES RADSEITENGelenktes FAHRZEUG

Title (fr)

SYSTÈME DE COMMANDE DE DIRECTION ET VÉHICULE À ROUES NON ORIENTABLES AINSI ÉQUIPÉ

Publication

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Application

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Priority

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Abstract (en)

[origin: CA2785700A1] The invention relates to a steering drive system (10) and a skid steer vehicle equipped therewith, wherein the steering drive system (10) comprises: a drive assembly (11) having a first and a second drive (11a, 11b), a summation gearbox (12) for summing driving torque of the drives (11a, 11b) to an output shaft (13c) of the summation gearbox (12), a first drive connecting device (14), by means of which the first drive (11a) is drivingly connected to a first input shaft (13b) of the summation gearbox (12), a second drive connecting device (15), by means of which the second drive (11b) is drivingly connected to a second input shaft (13a) of the summation gearbox (12), wherein the drive connecting devices (14, 15) are equipped such that none of the driving torque directed at the drives (11a, 11b) can be transmitted to the drives (11a, 11b) when a permanent drive connecting is established between the drives (11a, 11b) and the summation gearbox (12).

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