

Title (en)

HYDRAULIC CIRCUIT FOR CONTROLLING A DRIVE CHAIN

Title (de)

HYDRAULIKKREIS ZUR STEUERUNG EINES ANTRIEBSSTRANGES

Title (fr)

CIRCUIT HYDRAULIQUE POUR COMMANDER UNE CHAÎNE CINEMATIQUE

Publication

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Application

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Abstract (en)

[origin: WO2004097265A1] The invention relates to a hydraulic circuit (50) for controlling a double-clutch gear box comprising to gear groups (52, 54), each group being provided with a separation clutch (K1, K2) and several clutch couplings (60, 62) for engaging and disengaging gears. For each drive group (52, 54), said hydraulic circuit comprises its own hydraulic branch (68, 70) which is connected respectively to a pump (66) by means of a safety valve (72, 74). Each hydraulic branch (68, 70) is provided with a clutch control valve (76, 78) for controlling the associated separation clutch (K1, K2) and with at least one gear-switch control valve (80, 82) for controlling the associated clutch couplings (60, 62). Each safety valve (72, 74) is embodied in the form of a proportional pressure control valve.

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IPC 8 full level

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