

Title (en)

A CONTROL METHOD FOR ACTUATING A COMBINED MOTION OF A PLURALITY OF HYDRAULIC IMPLEMENTS OF A WORK OR AGRICULTURAL MACHINE

Title (de)

STEUERUNGSVERFAHREN ZUR BETÄTIGUNG EINER KOMBINIERTEN BEWEGUNG MEHRERER HYDRAULISCHER ARBEITSGERÄTE EINER ARBEITS- ODER LANDWIRTSCHAFTLICHEN MASCHINE

Title (fr)

PROCÉDÉ DE COMMANDE POUR ACTIONNER UN MOUVEMENT COMBINÉ D'UNE PLURALITÉ D'OUTILS HYDRAULIQUES D'UNE MACHINE DE TRAVAIL OU AGRICOLE

Publication

EP 4266856 A1 20231101 (EN)

Application

EP 21740106 A 20210715

Priority

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- EP 2021069686 W 20210715

Abstract (en)

[origin: WO2022013329A1] A control method for actuating a combined motion of a plurality of hydraulic implements of a work or agricultural machine comprising a flow sharing hydraulic circuit, the method comprising a preliminary step of grouping said plurality of hydraulic implements in at least two sets (L, M, H) having different supplying priority, a first step of acquiring a first flow of available hydraulic liquid (A_F), generated by the hydraulic pump, a second step of 15 calculating a second flow of hydraulic liquid (R_F). overall required to actuating said sets of hydraulic implements, a third step of comparing said first flow with said second flow and when said second flow is less than the first flow, then a fourth step (RED) of calculating a reduction (RED) of the second hydraulic flow is executed iteratively from the lowest priority set (L) to the highest priority set (H) till the second flow equates the first flow.

IPC 8 full level

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CPC (source: EP)

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