

Title (en)

METHOD AND SYSTEM FOR RELEASING THE RESIDUAL PRESSURE OF A HYDRAULIC CIRCUIT OF A WORK MACHINE AND WORK MACHINE INCLUDING THE SYSTEM

Title (de)

VERFAHREN UND SYSTEM ZUR FREIGABE DES RESTDRUCKS EINES HYDRAULIKKREISLAUFS EINER ARBEITSMASCHINE UND ARBEITSMASCHINE MIT DEM SYSTEM

Title (fr)

PROCÉDÉ ET SYSTÈME DE LIBÉRATION DE LA PRESSION RÉSIDUELLE D'UN CIRCUIT HYDRAULIQUE D'UN ENGIN DE CHANTIER ET ENGIN DE CHANTIER COMPRENANT LE SYSTÈME

Publication

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Application

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Priority

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- EP 2021069684 W 20210715

Abstract (en)

[origin: WO2022013327A1] Method and system for releasing the residual pressure of a hydraulic circuit of a work machine and work machine including the system Method for releasing the residual pressure of a hydraulic circuit of a work machine, the hydraulic circuit comprising a source (P) of pressurized hydraulic liquid and a discharge tank (T) of the pressurized hydraulic liquid and at least a double-action hydraulic actuator (A1, A2,...) controlled by means of a corresponding actuation hydraulic valve (V1, V2, V3,...), wherein the actuation hydraulic valve has a stand position in which it directs pressurized hydraulic liquid from the source to the discharge tank and, at the same time, compartments opposite chambers (C11, C12; C21, C22; of the corresponding actuator (A1, A2,...) and two opposite actuation positions in which the valve connects the first chamber (C11, C21) with the source and a corresponding second chamber (C12, C22) with the discharge tank, and vice versa, the method comprising a first preliminary step of checking or forcing a deactivation of the source (P) and a subsequent second step of activating alternately the two opposite actuation positions.

IPC 8 full level

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