

Title (en)

DEVICE FOR SAVING ENERGY IN WORKING APPLIANCES THAT CAN BE ACTUATED HYDRAULICALLY

Title (de)

VORRICHTUNG ZUR ENERGIEEINSPARUNG BEI HYDRAULISCH BETÄTIGBAREN ARBEITSGERÄTSCHAFTEN

Title (fr)

DISPOSITIF POUR ECONOMISER L'ENERGIE SUR DES OUTILS DE TRAVAIL A COMMANDE HYDRAULIQUE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO0159309A1] The invention relates to a device for saving energy in working appliances (10) that can be actuated hydraulically and have a piston-type accumulator (12). The aim of the invention is to improve the known device in such a way that said device is only used when actuation of the working appliances in the normal operational mode makes this seem appropriate and that special working procedures carried out by the machine are not impeded, whereby the working appliances are fully discharged or are used intensively during said procedures. A fluid control device (30) is provided with a control device (36) by means of which the piston-type accumulator (12) can be connected to or disconnected from a fluid circle (34) of the working appliance (10). The control device (36) is provided with a monitoring device for the connecting/disconnecting procedures. Said monitoring device detects at least system states of the working appliance (10) and/or the piston-type accumulator (12).

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Citation (search report)

See references of WO 0159309A1

Cited by

DE102012009670A1; WO2013164096A1; WO2013164073A1; CN103174687A; DE102012009669B3; DE102012009668B3; CN103958902A; EP2766611A4; WO2013164072A1; WO2023161173A1

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