

Title (en)

HYDRAULIC MACHINE UNIT AND METHOD FOR OPERATING SUCH A MACHINE UNIT

Title (de)

HYDRAULISCHE MASCHINENEINHEIT SOWIE VERFAHREN ZUM BETRIEB EINER DERARTIGEN MASCHINENEINHEIT.

Title (fr)

UNITÉ DE MACHINE HYDRAULIQUE ET PROCÉDÉ DE FONCTIONNEMENT D'UNE TELLE UNITÉ DE MACHINE

Publication

**EP 3317545 A1 20180509 (DE)**

Application

**EP 16754171 A 20160630**

Priority

- DE 102015110768 A 20150703
- DE 2016100294 W 20160630

Abstract (en)

[origin: WO2017005245A1] A hydraulic machine unit that can be operated with various working forces, in which working medium is selectively delivered, via a pump-piston accumulator system, to a main cylinder and at least one driving cylinder, wherein at least for one working stroke a pump system of the pump-piston accumulator system is used to provide working medium to a piston accumulator of the pump-piston accumulator system, and then at least for the working stroke at least the main cylinder is charged with a working pressure from the piston accumulator, and wherein at least for a return stroke the at least one driving cylinder is charged with a return stroke pressure from the pump-piston accumulator system, can be of structurally simple configuration if, at reduced working forces, the working pressure is reduced with respect to the piston accumulator pressure prevailing in the piston accumulator.

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

See references of WO 2017005245A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**DE 102015110768 A1 20170105**; CN 107850093 A 20180327; CN 107850093 B 20201225; DE 112016003034 A5 20230316; EP 3317545 A1 20180509; JP 2018523066 A 20180816; JP 7142436 B2 20220927; KR 20180022768 A 20180306; US 11358359 B2 20220614; US 2018187702 A1 20180705; WO 2017005245 A1 20170112

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