

Title (en)  
ELECTRO-HYDROSTATIC ACTUATOR SYSTEM

Title (de)  
ELEKTROHYDROSTATISCHES AKTUATORSYSTEM

Title (fr)  
SYSTÈME D'ACTIONNEUR ÉLECTROHYDROSTATIQUE

Publication  
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Application  
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Abstract (en)  
[origin: WO2020099060A1] The electro-hydrostatic actuator system according to the invention comprises a volume-variable and/or rotational-speed-variable hydro machine, which is driven by an electric motor, for providing a volume flow of an hydraulic fluid, and a main shaft which is movable by the hydraulic fluid and which has at least one first chamber, wherein the first chamber, with at least one first main hydraulic line and a first main valve, is hydraulically connected to the hydro machine via a connection line. The actuator system according to the invention further comprises a secondary shaft which is movable by the hydraulic fluid and which has at least one first chamber, wherein the first chamber, with at least one first secondary hydraulic line and a first secondary valve, is hydraulically connected to the hydro machine via a connection line. Furthermore, according to the invention, a hydraulic accumulator is hydraulically connected to the first secondary hydraulic line in the area between the first chamber of the secondary shaft and the first secondary valve.

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