

Title (en)  
ELECTROHYDRAULIC ACTUATION SYSTEM

Title (de)  
ELEKTROHYDRAULISCHES BETÄTIGUNGSSYSTEM

Title (fr)  
SYSTEME DE VERINS ELECTRO-HYDRAULIQUES

Publication  
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Application  
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Abstract (en)  
An object of the invention is to provide an electro-hydraulic actuation system which can prevent the generation of a shortage in volume of a fluid supplied to a hydraulic actuator having a larger load pressure of hydraulic actuators of a plurality of electro-hydraulic actuators. The electro-hydraulic actuation system 100 changes a working fluid discharge volume of a variable displacement hydraulic pump 111 by a selector valve 141, a two-position valve 142, a spring 143 and a discharge volume changing hydraulic cylinder 144 based on the maximum pressure of load pressures of a hydraulic motor 122 and a hydraulic motor 132 and a working fluid discharge pressure of the variable displacement hydraulic pump 111. <IMAGE>

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