

Title (en)
HYDRAULIC DRIVE, HYDRAULIC SUPPLY DEVICE, AIRPLANE WITH A HYDRAULIC SUPPLY DEVICE AND METHOD FOR CONFIGURING A HYDRAULIC SUPPLY DEVICE

Title (de)
HYDRAULIKANTRIEB, HYDRAULIKVERSORGUNGS-VORRICHTUNG, FLUGZEUG MIT EINER HYDRAULIKVERSORGUNGS-VORRICHTUNG SOWIE VERFAHREN ZUR KONFIGURATION EINER HYDRAULIKVERSORGUNGS-VORRICHTUNG

Title (fr)
COMMANDE HYDRAULIQUE, DISPOSITIF D'ALIMENTATION HYDRAULIQUE, AVION AVEC DISPOSITIF D'ALIMENTATION HYDRAULIQUE ET PROCÉDÉ DE CONFIGURATION D'UN DISPOSITIF D'ALIMENTATION HYDRAULIQUE

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Abstract (en)
[origin: CA2699693A1] A hydraulic drive (10, 20) for an aircraft (F), comprising: a gear (13), a first hydraulic pump (11; 21) and a second hydraulic pump (12; 22), wherein the gear (13) is installed in a gear housing (13a) and wherein the first hydraulic pump (11; 21) and the second hydraulic pump (12; 22) in each case are installed in a pump housing (11a; 12a) that is affixed to the gear housing (11 a), or the two together are installed in a pump housing that is affixed to the gear housing (11a); a hydraulic supply device comprising a first (A) and a second (B) hydraulic system for operating actuators of the aircraft; and a monitoring and drive device, with the hydraulic supply device (H) comprising a first hydraulic drive (10) for coupling the latter to a first engine (1), and a second hydraulic drive (20) for coupling the latter to a second engine (2), wherein each hydraulic drive (10, 20) comprises: a gear drive shaft (1a; 2a) for coupling the respective hydraulic drive (10, 20) to an engine output shaft of the respective associated engine (1; 2); two hydraulic pumps (11, 12; 21, 22) that are coupled to a gear output shaft, in each case with a connection device (41, 42) for connecting the hydraulic pump to the pressure line and to the suction line of a hydraulic system (A, B); an aircraft comprising such a hydraulic supply device; as well as a method for configuring a hydraulic supply device.

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