

Title (en)
ELECTRO-HYDRAULIC ACTUATOR

Title (de)
ELEKTROHYDRAULISCHER STELLANTRIEB

Title (fr)
ACTIONNEUR ÉLECTRO-HYDRAULIQUE

Publication
EP 4055278 A1 20220914 (EN)

Application
EP 20883833 A 20201104

Priority
• FI 20195943 A 20191104
• FI 2020050726 W 20201104

Abstract (en)
[origin: WO2021089917A1] An electro-hydraulic actuator (1) comprises a cylinder (2) comprising at least three chambers, a piston (3) configured to move within the cylinder and a rod (4) attached to the piston. At least two of the chambers comprise working chambers (5a, 5b) to move the piston (3) and the rod (4). The electro-hydraulic actuator (1) further comprises a hydraulic pump/motor (9) for providing pressure medium to and from the working chambers, and an electric motor (8) rotating the pump/motor (9). At least two working chambers (5a, 5b) comprise equal volumes, and at least one of said chambers, which is not one of said working chambers (5a, 5b), is a reservoir chamber (11) configured to act as an integrated reservoir.

IPC 8 full level
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CPC (source: EP FI)
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Designated extension state (EPC)
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