

Title (en)
HYDRAULIC CIRCUIT

Title (de)
HYDRAULIKKREISLAUF

Title (fr)
CIRCUIT HYDRAULIQUE

Publication
EP 3722617 A1 20201014 (EN)

Application
EP 19425025 A 20190408

Priority
EP 19425025 A 20190408

Abstract (en)
The present document relates to a hydraulic circuit (1; 100), comprising: a fluid reservoir (2), a fluid output port (7a), a first hydraulic pump (3) having a first fluid port (3a) and a second fluid port (3b), the first fluid port (3a) of the first hydraulic pump (3) selectively fluidly connected with the fluid reservoir (2), and the second fluid port (3b) of the first hydraulic pump (3) fluidly connected or selectively fluidly connected with the fluid output port (7a), a hydraulic accumulator (6), and at least one accumulator valve (14a, 14b). The at least one accumulator valve (14a, 14b) is configured to be selectively placed in either one of a first configuration and a second configuration, the at least one accumulator valve (14a, 14b) in the first configuration fluidly connecting the hydraulic accumulator (6) with the first fluid port (3a) of the first hydraulic pump (3) and fluidly disconnecting the hydraulic accumulator (6) from the fluid output port (7a), and the at least one accumulator valve (14a, 14b) in the second configuration fluidly connecting or selectively fluidly connecting the hydraulic accumulator (6) with the fluid output port (7a) and fluidly disconnecting the hydraulic accumulator (6) from the first fluid port (3a) of the first hydraulic pump (3). The present document further relates to methods of controlling the hydraulic circuit (1; 100).

IPC 8 full level
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CPC (source: EP)
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Citation (applicant)
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Citation (search report)
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