

Title (en)
PROCESSUS AND CIRCUIT FOR CONTROLLING A MOTOR WITH A SAFETY BRAKE

Publication
EP 0119884 B1 19861029 (FR)

Application
EP 84400288 A 19840213

Priority
FR 8302782 A 19830221

Abstract (en)
[origin: EP0119884A1] 1. A circuit controlling a pressurized fluid motor (1) associated to safety spring brakes (10) whose rest configuration is the braking configuration, and constituted by : said motor (1), said brake (10) comprising a jack (12) with a brake-releasing chamber (16) and a braking spring (14), one main source of pressurized fluid (5), one main fluid distributor (24), placed between the motor and the main source of pressurized fluid, at least one means (26, 27) of controlling the main fluid distributor, coupled to the latter and capable of moving said fluid distributor from a position where the motor (1) is not supplied to a position where said distributor communicates with the main source of fluid (5), one source of controlling fluid (8), one brake-releasing distributor (18) situated on a connected (58, 61, 59) joining the source of controlling fluid (8) with the brake-releasing chamber (16) of the brake jack (14), and designed either to ensure continuity of said connection or to interrupt it and to cause the brake-releasing chamber (16) to communicate (61, 62) with pressure-free exhaust (7), and, one manipulator (9) placed on a connection (71, 75, 76) joining a source of controlling fluid (8) to at least one means of controlling (26, 27) the main distributor, characterized in that the connection (71, 75, 76) on which is situated the manipulator (9) comprises a pipe (71) supplying controlling fluid to the manipulator, said pipe being connected to that part (61) of said connection (58, 61) on which is located the brake-releasing distributor (18), which part is situated between the brake-releasing distributor (18) and the brake-releasing jack (12).

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F03C 1/04; B66D 5/26

IPC 8 full level
F03C 1/40 (2006.01)

CPC (source: EP)
F03C 1/0447 (2013.01)

Cited by
FR2673684A1; US6006872A; EP0797020A4

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FR 2541382 A1 19840824; FR 2541382 B1 19870703; DE 3461114 D1 19861204; EP 0119884 A1 19840926; EP 0119884 B1 19861029

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