

Title (en)
PNEUMATIC APPARATUS

Title (de)
PNEUMATISCHES GERÄT

Title (fr)
APPAREIL PNEUMATIQUE

Publication
EP 3018365 B1 20190522 (EN)

Application
EP 15192685 A 20151103

Priority
• IT MO20140315 A 20141103
• IT MO20140316 A 20141103

Abstract (en)
[origin: EP3018365A1] A pneumatic apparatus (1) comprises: - a linear pneumatic actuator (20) comprising a casing (21) and a piston (22) slidable inside the casing (21) and defining in the latter a first chamber (23) and a second chamber (24), - fluid distributing means (51) arranged for distributing pressurized fluid alternatively in the first chamber (23) and in the second chamber (24), - vacuum generating means (60), and - an economizer device (100; 100'; 200; 200'; 300) comprising: a body (102) provided with a first opening (103) connected to the fluid distributing means (51), with a second opening (104) connected to one of the chambers (24), and with a third opening (105) connected to the vacuum generating means (60), the first, second and third opening (103, 104, 105) being connected together by a main conduit (106) made in the body (102); flow controlling means (110) that is movable between a first operating configuration (C1) wherein the flow controlling means (110) permits the connection between the second opening (104) and the third opening (105) so as connect the vacuum generating means (60) to the chamber (24) and prevents the connection between the second opening (104) and the first opening (103), and a second operating configuration (C2) wherein the flow controlling means (110) closes the connection between the second opening (104) and the third opening (105) and permits the passage of fluid between the second opening (104) and the first opening (103).

IPC 8 full level
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