

Title (en)

A PROCESS AND DEVICE FOR CONTROLLING A SINGLE-ACTING PNEUMATIC PISTON

Title (de)

VERFAHREN UND VORRICHTUNG ZUR STEUERUNG EINES EINFACH WIRKENDEN DRUCKLUFTZYLINDERS

Title (fr)

PROCEDE ET DISPOSITIF DE COMMANDE D'UN PISTON PNEUMATIQUE A ACTION UNIQUE

Publication

**EP 1383702 B1 20060531 (EN)**

Application

**EP 02722683 A 20020326**

Priority

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- IT MO20010082 A 20010504

Abstract (en)

[origin: WO02090236A1] A valve group comprises: a nonnally-closed two-way, two-position delivery valve (7) which places an external source of pressurised gas in communication with a pressurisable chamber (4) of a piston; a nonnally-closed two-way discharge valve (8), which places the pressurisable chamber (4) in communication with a discharge (9); and a total discharge valve (12) which when opened contemporaneously with an opening of the discharge valve, sucks gas from the pressurisable chamber by a venturi effect. The invention can be used in a pneumatic jack of a bellows-type for raising objects, in particular for raising a side of a motor vehicle.

IPC 8 full level

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