

Title (en)
PROCEDURE FOR THE LOADING OF A WORKING CYLINDER, CONTROL MODULE FOR IT, WORKING CYLINDER AND UTILIZATION OF THE SAME

Title (de)
VERFAHREN ZUM BEAUFSCHLAGEN EINES ARBEITSZYLINDERS, STEUERUNG DAFÜR, ARBEITSZYLINDER UND VERWENDUNG DESSELBEN

Title (fr)
PROCEDE POUR ALIMENTER UN CYLINDRE MOTEUR, COMMANDE DE CE DERNIER, CYLINDRE MOTEUR ET UTILISATION DE CELUI-CI

Publication
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Application
EP 07724673 A 20070427

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- DE 102006041707 A 20060906

Abstract (en)
[origin: WO2007128437A1] The invention demonstrates how energy saving working cylinders are loaded with fluid under pressure in order, for example, to power devices for tensioning (toggle joint tensioning apparatus), and/or compressing, and/or jointing, and/or stamping, and/or embossing, and/or punching, and/or welding, if necessary under the interposition of gearing parts such as guides, parallelogram gears, toggle joint articulations, or the like, with the fluid supply being controlled in such a way during the no-load stroke (idle stroke) of the piston (4) that only the forces of inertia and/or weight and/or the forces of friction of moveable parts are overcome and are not acted upon by the fluid pressure until the power stroke of the piston (4).

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DE 3513680 A1 19861030 - TUENKERS JOSEF GERHARD

Cited by
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