Title (en)

METHOD FOR CONTROL OF A CYLINDER

Title (de)

VERFAHREN ZUR STEUERUNG EINES ZYLINDERS

Title (fr)

PROCEDE DE CONTROLE D' UN VERIN

Publication

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Application

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Abstract (en)

[origin: WO2020115400A1] The invention relates to a method for control of a cylinder (12), comprising the following steps: providing a cylinder that has a piston (22), a servo valve (14), and a measuring device (16) that comprises at least one first position sensor (28) and one second position sensor (30); taking position measurements (X1, X2) of the piston simultaneously with the first position sensor and with the second position sensor; determining at least one first travel speed (v1) of the piston on the basis of the position measurements of the piston taken with the first position sensor; determining at least one second travel speed (v2) of the piston on the basis of the position measurements of the piston taken with the second position sensor; and comparing each of the first and second determined travel speeds (v1, v2) of the piston with a modeled (vmod) or a predetermined travel speed of the piston so as to ascertain which is the more reliable position sensor.

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