

Title (en)  
DEVICE FOR CONTINUOUSLY CONTROLLING THE STROKE OF A PISTON OF AN ACTUATOR

Publication  
**EP 0051014 B1 19860205 (FR)**

Application  
**EP 81401613 A 19811015**

Priority  
FR 8023066 A 19801023

Abstract (en)  
[origin: US4426912A] Apparatus for the continuous adjustment of the stroke amplitude of the piston of a jack, the latter having a control member of which at least part is in the form of a rod, which is movable in rotation and in translation and cooperates with the said piston, wherein said rod has an extension in the form of a differential piston which is movable in translation and in rotation within a cylinder and defining also in the latter a chamber with a large cross-section and a chamber with a small cross-section, the latter being permanently connected to a pressurized fluid source, said differential piston having an inner cavity in which is located a second rod immobilized in translation and which can be angularly oriented, said second rod being provided with a cam having two opposite edges which can cyclically uncover and cover, during the rotation of the differential piston, at least two openings respectively connected to the two chambers.

IPC 1-7  
**F15B 9/16**; **F15B 9/10**

IPC 8 full level  
**B66F 3/26** (2006.01); **F15B 9/10** (2006.01); **F15B 9/16** (2006.01)

CPC (source: EP KR US)  
**B66F 3/24** (2013.01 - KR); **F15B 9/10** (2013.01 - EP US); **F15B 9/16** (2013.01 - EP US)

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US 2898890 A 19590811 - LYNOTT JOHN J

Cited by  
EP3093503A1; US6995585B2

Designated contracting state (EPC)  
DE FR SE

DOCDB simple family (publication)  
**EP 0051014 A1 19820505**; **EP 0051014 B1 19860205**; AU 543842 B2 19850502; AU 7650881 A 19820429; DE 3173730 D1 19860320; FR 2492909 A1 19820430; FR 2492909 B3 19830916; JP S5798498 A 19820618; KR 830007421 A 19831021; US 4426912 A 19840124; YU 252181 A 19840229

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