

Title (en)  
Control device.

Title (de)  
Steuergeber.

Title (fr)  
Transmetteur de commande.

Publication  
**EP 0459183 B1 19931229 (DE)**

Application  
**EP 91107375 A 19910507**

Priority  
DE 4017696 A 19900601

Abstract (en)  
[origin: EP0459183A1] The control device has a switching rod (16) which is mounted in a ball joint swivel bearing (17) in a housing (10, 11) and, via two joint bows (24, 25) arranged exactly at right angles to one another, actuates angle of rotation sensors (28), in particular potentiometers. In order to bring about a switching force on the switching rod (16), a slider (19) is displaceable on the said rod counter to the force of a spring (20), the outer contour of the said slider sliding against a curve (18A to 18C) which predetermines a corresponding actuating force which signals to the operator that, if the switching rod is deflected further, it will move into a latched position by virtue of the latching device (14, 39). <IMAGE>

IPC 1-7  
**G05G 9/04**; G05G 5/03; F15B 13/042

IPC 8 full level  
**F15B 13/042** (2006.01); **G05G 5/03** (2006.01); **G05G 9/04** (2006.01); **G05G 9/047** (2006.01)

CPC (source: EP US)  
**G05G 5/03** (2013.01 - EP US); **G05G 9/047** (2013.01 - EP US); **G05G 2009/04707** (2013.01 - EP US); **G05G 2009/04748** (2013.01 - EP US); **G05G 2009/04766** (2013.01 - EP US); **G05G 2009/0477** (2013.01 - EP US); **Y10T 74/20201** (2015.01 - EP US); **Y10T 74/20636** (2015.01 - EP US)

Cited by  
DE19901038A1; EP1801685A1; US6082212A; DE4306577C1; US5680797A; DE4306577C2; EP2204719A1; WO0039654A2; WO2005033821A2; US7544905B2; WO9905060A1; WO9843144A1

Designated contracting state (EPC)  
DE ES FR GB IT

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**EP 91107375 A 19910507**; DE 4017696 A 19900601; DE 59100765 T 19910507; ES 91107375 T 19910507; US 69945991 A 19910513