

Title (en)

ARRANGEMENT FOR CONTROLLING THE PERFORMANCE OF A DRIVING MACHINE

Title (de)

STEUEREINRICHTUNG ZUM STEUERN EINER LEISTUNG EINER ANTRIEBSMASCHINE

Title (fr)

DISPOSITIF DE COMMANDE POUR ASSURER LA COMMANDE DE LA PUISSANCE D'UN MOTEUR ENTRAINEMENT

Publication

EP 0828932 A1 19980318 (DE)

Application

EP 96945744 A 19961121

Priority

- DE 9602220 W 19961121
- DE 19612869 A 19960330

Abstract (en)

[origin: DE19612869A1] Hitherto, control arrangements existed in which the throttle flap passes into an emergency running position when the servo motor fails. To that end, an additional spring was previously required. With the control arrangement according to the invention, when the servo motor (16) fails, one spring (8) can move the throttle flap (4d) into the emergency running position between the two end positions. This is achieved by gear ratios (6a, 6b) of different values between the two spring articulations (31, 32) and an intermediate member, no additional spring being required. The control arrangement is suitable in particular for vehicles with an internal combustion engine having a choke.

IPC 1-7

F02D 11/10

IPC 8 full level

F02D 11/10 (2006.01); **F02D 9/02** (2006.01); **F02D 11/10** (2006.01); **F02B 3/06** (2006.01)

CPC (source: EP KR US)

F02D 11/10 (2013.01 - KR); **F02D 11/107** (2013.01 - EP US); **F02B 3/06** (2013.01 - EP US)

Citation (search report)

See references of WO 9737116A1

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

DE 19612869 A1 19971002; CZ 292796 B6 20031217; CZ 369697 A3 19980318; DE 59608764 D1 20020328; EP 0828932 A1 19980318; EP 0828932 B1 20020220; ES 2173342 T3 20021016; JP 3957757 B2 20070815; JP H11507118 A 19990622; KR 100426887 B1 20040730; KR 19990022074 A 19990325; US 6050241 A 20000418; WO 9737116 A1 19971009

DOCDB simple family (application)

DE 19612869 A 19960330; CZ 369697 A 19961121; DE 59608764 T 19961121; DE 9602220 W 19961121; EP 96945744 A 19961121; ES 96945744 T 19961121; JP 53478197 A 19961121; KR 19970708553 A 19971128; US 97394798 A 19980415