

Title (en)

Apparatus for controlling the position of a throttle valve in an internal combustion engine

Title (de)

Einrichtung zum Regeln der Stellung einer Drosselklappe einer Brennkraftmaschine

Title (fr)

Dispositif pour commander la position d'un papillon d'admission d'un moteur à combustion interne

Publication

EP 1046800 A3 20020731 (DE)

Application

EP 00103210 A 20000217

Priority

DE 19917417 A 19990418

Abstract (en)

[origin: EP1046800A2] The device regulates the choke flap position so that the engine drives a load at a constant speed irrespective of the power consumed by the load. The output of a choke position sensor (40) is connected to the input of a characteristic circuit (74) that converts it into a corrected position signal with a linear relationship to the engine's drive power and whose output is connected to a control characteristic gradient control circuit (96).

IPC 1-7

F02D 31/00; **F02D 33/02**

IPC 8 full level

F02D 11/10 (2006.01); **F02D 31/00** (2006.01)

CPC (source: EP)

F02D 11/106 (2013.01); **F02D 31/002** (2013.01); **F02D 41/1402** (2013.01); **F02D 2041/1409** (2013.01); **F02D 2041/1419** (2013.01); **F02D 2041/1422** (2013.01)

Citation (search report)

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- [A] US 4856475 A 19890815 - SHIMOMURA SETSUHIRO [JP], et al
- [A] PATENT ABSTRACTS OF JAPAN vol. 011, no. 076 (M - 569) 7 March 1987 (1987-03-07)

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US6915777B2; EP1296048A3; WO2006086064A1

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