

Title (en)  
IDLE SPEED CONTROL SYSTEM FOR A COMBUSTION ENGINE

Publication  
**EP 0283562 A3 19881228 (DE)**

Application  
**EP 87115560 A 19871023**

Priority  
DE 3708999 A 19870319

Abstract (en)  
[origin: US4887570A] In a system for regulating the idling speed of rotation of an internal combustion engine, in which a correction variable, which is determined by comparison of the speed-of-rotation actual value which is fed as speed-of-rotation signal with a speed-of-rotation desired value, is fed to a control member, a predetermined correction variable is fed upon the absence of the speed-of-rotation signal to the control member. Furthermore, it can be provided that a signal (idling signal) which is dependent upon whether the gas pedal is in the idling position is fed, that in the absence of the idling signal the actual speed-of-rotation value is not used for the determination of the correction variable, and that a predetermined correction variable is fed to the control member when the idling signal is not present and the desired speed-of-rotation value is smaller than the actual speed of rotation value for longer than predetermined periods of time and the starting value (opening of the control member upon the starting process) is not greater than the regulating value.

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IPC 8 full level  
**F02D 41/16** (2006.01); **F02D 31/00** (2006.01); **F02D 41/08** (2006.01); **F02D 41/28** (2006.01)

CPC (source: EP US)  
**F02D 31/005** (2013.01 - EP US)

Citation (search report)

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- [A] US 4328547 A 19820504 - BARMAN ALAN W, et al
- [A] GB 2127585 A 19840411 - HONDA MOTOR CO LTD
- [Y] PATENT ABSTRACTS OF JAPAN, Band 9, Nr. 22 (M-354)[1745], 30. Januar 1985; & JP-A-59 168 246 (SUZUKI JIDOSHA KOGYO K.K.) 21-09-1984
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- [A] PATENT ABSTRACTS OF JAPAN, Band 7, Nr. 31 (M-192)[1176], 8. Februar 1983; & JP-A-57 186 038 (JIDOSHA KOGAI ANZEN KIKI GIJUTSU KENKYU KUMIAI) 16-11-1982
- [A] PATENT ABSTRACTS OF JAPAN, Band 9, Nr. 7 (M-350)[1730], 12. Januar 1985; & JP-A-59 158 346 (MITSUBISHI JIDOSHA KOGYO K.K.) 07-09-1984

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**EP 0401880 A2 19901212**; **EP 0401880 A3 19910102**; DE 3708999 A1 19881006; DE 3769469 D1 19910523; EP 0283562 A2 19880928; EP 0283562 A3 19881228; EP 0283562 B1 19910417; JP S63253150 A 19881020; US 4887570 A 19891219

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**EP 90115147 A 19871023**; DE 3708999 A 19870319; DE 3769469 T 19871023; EP 87115560 A 19871023; JP 6208288 A 19880317; US 16305188 A 19880302