

Title (en)

IDLING SPEED CONTROLLER, IN PARTICULAR FOR VEHICLES

Publication

EP 0098909 B1 19870527 (DE)

Application

EP 83100686 A 19830126

Priority

DE 3226283 A 19820714

Abstract (en)

[origin: US4471735A] In an idling controller, particularly for automotive vehicles, there are present both a control amplifier with integral time portion (3) and a limiter (6) with proportional time portion. The inputs of the limiter are acted on by the correcting variable from the output of the control amplifier and by a limiter reference variable formed with the actual-speed value. The output of the limiter is fed back to an input of the control amplifier. In order to obtain the desired time action of the idling controller upon sudden drops in speed, at least one time member (12) with differential time portion is provided between the input (1) of the actual-speed value and the output of the limiter (6). The limiter (6) is so dimensioned and coupled with the output of the control amplifier (3) that, upon a drop in speed beyond a predetermined value, the correcting value (y) is controlled by the output variable of the limiter (6) (control limit).

IPC 1-7

G05D 13/62; **F02D 31/00**

IPC 8 full level

F02D 31/00 (2006.01); **G05D 13/62** (2006.01)

CPC (source: EP US)

F02D 31/004 (2013.01 - EP US)

Cited by

DE3226283A1; EP0151805A3; WO8905905A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0098909 A2 19840125; **EP 0098909 A3 19840725**; **EP 0098909 B1 19870527**; DE 3226283 A1 19840119; DE 3371824 D1 19870702; US 4471735 A 19840918

DOCDB simple family (application)

EP 83100686 A 19830126; DE 3226283 A 19820714; DE 3371824 T 19830126; US 50368783 A 19830613