

Title (en)
Throttle valve control device

Title (de)
Drosselklappensteuervorrichtung

Title (fr)
Dispositif de commande de papillon

Publication
EP 0831215 A1 19980325 (EN)

Application
EP 96306863 A 19960920

Priority
EP 96306863 A 19960920

Abstract (en)
A throttle drum (40) with a first return spring (54) disposed therearound is rotatably mounted on a throttle shaft (28), and a cruise control drum (60) with a second return spring (72) disposed therearound is rotatably disposed around the throttle drum (40). The throttle drum (40) and the cruise control drum (60) are arranged in a radially double-walled structure around the throttle shaft (28), which may be of a relatively short axial length.
<IMAGE>

IPC 1-7
F02D 9/02

IPC 8 full level
F02D 9/02 (2006.01); **F02D 11/04** (2006.01)

CPC (source: EP)
F02D 9/02 (2013.01); **F02D 11/04** (2013.01)

Citation (search report)

- [AD] JP S62130140 U 19870817
- [A] GB 2211890 A 19890712 - FUJII HEAVY IND LTD [JP]
- [A] PATENT ABSTRACTS OF JAPAN vol. 012, no. 434 (M - 764) 16 November 1988 (1988-11-16)
- [A] PATENT ABSTRACTS OF JAPAN vol. 95, no. 009
- [A] PATENT ABSTRACTS OF JAPAN vol. 017, no. 423 (M - 1458) 6 August 1993 (1993-08-06)
- [A] PATENT ABSTRACTS OF JAPAN vol. 011, no. 071 (M - 567) 4 March 1987 (1987-03-04)

Cited by
EP1083313A3; EP1375872A1

Designated contracting state (EPC)
DE GB IT

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