

Title (en)
Electric throttle actuator

Title (de)
Elektromotorisches Stellglied, insbesondere mit einer Drosselklappe

Title (fr)
Actionneur électrique de papillon

Publication
EP 0989292 A3 20011205 (DE)

Application
EP 99118566 A 19990920

Priority
DE 19843771 A 19980924

Abstract (en)
[origin: EP0989292A2] A separate casing for electronics (8) is fastened to the butterfly throttle housing (2). It contains control and/or analysis electronics.

IPC 1-7
F02D 11/10

IPC 8 full level
F02M 17/00 (2006.01); **F02D 11/10** (2006.01)

CPC (source: EP KR)
F02D 11/10 (2013.01 - EP); **F02M 17/00** (2013.01 - KR); **F02D 2400/18** (2013.01 - EP); **F05C 2201/021** (2013.01 - EP)

Citation (search report)

- [X] WO 9635047 A1 19961107 - BOSCH GMBH ROBERT [DE], et al
- [X] EP 0844378 A2 19980527 - HITACHI LTD [JP], et al
- [X] DE 3405935 A1 19850822 - VDO SCHINDLING [DE]

Cited by
EP1170486A3; US7089911B2; WO2004031558A1; WO02081885A1; US7185629B2; US7284535B2; US7458360B2; US7782044B2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0989292 A2 20000329; EP 0989292 A3 20011205; EP 0989292 B1 20050810; BR 9904315 A 20001114; DE 19843771 A1 20000330; DE 59912384 D1 20050915; KR 100634632 B1 20061013; KR 20000023460 A 20000425

DOCDB simple family (application)
EP 99118566 A 19990920; BR 9904315 A 19990924; DE 19843771 A 19980924; DE 59912384 T 19990920; KR 19990041283 A 19990927