

Title (en)
THROTTLE HOUSING COMPRISING A MODULAR COVER ELEMENT

Title (de)
DROSSELGEHÄUSE MIT MODULAREM DECKELELEMENT

Title (fr)
BOITIER D'ETRANGLEMENT A ELEMENT COUVERCLE MODULAIRE

Publication
EP 1476647 A1 20041117 (DE)

Application
EP 02790260 A 20021126

Priority
• DE 0204330 W 20021126
• DE 10205090 A 20020207

Abstract (en)
[origin: WO03067058A1] The invention relates to a throttle device for installing in the intake tract of an internal combustion engine. The throttle device comprises a drive housing (7) for receiving an adjusting drive that actuates a throttle valve. A cover element (8) can be mounted on the drive housing (7). The cover element (8) is configured in a modular manner and comprises an opening (29) for receiving a sensor module (9), which can be positioned in relation to a mounting location (18) independently of the assembled position of the cover element (8) on the drive housing (7).

IPC 1-7
F02D 9/10; **F02D 11/10**

IPC 8 full level
F02D 9/10 (2006.01); **F02D 35/00** (2006.01); **F02D 9/02** (2006.01)

CPC (source: EP US)
F02D 9/104 (2013.01 - EP US); **F02D 9/1065** (2013.01 - EP US); **F02D 2009/0294** (2013.01 - EP US); **F02D 2200/0404** (2013.01 - EP US)

Citation (search report)
See references of WO 03067058A1

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

DOCDB simple family (publication)
WO 03067058 A1 20030814; DE 10205090 A1 20030904; DE 50208812 D1 20070104; EP 1476647 A1 20041117; EP 1476647 B1 20061122; JP 2005517114 A 20050609; US 2004231643 A1 20041125; US 7069906 B2 20060704

DOCDB simple family (application)
DE 0204330 W 20021126; DE 10205090 A 20020207; DE 50208812 T 20021126; EP 02790260 A 20021126; JP 2003566386 A 20021126; US 48899004 A 20040310