

Title (en)
THROTTLE DEVICE

Title (de)
DROSSELKLAPPENVORRICHTUNG

Title (fr)
DISPOSITIF PAPILLON

Publication
EP 3431739 A4 20191204 (EN)

Application
EP 17766140 A 20170208

Priority
• JP 2016053284 A 20160317
• JP 2017004629 W 20170208

Abstract (en)
[origin: EP3431739A1] A throttle device (TH) includes a throttle body (40) that supports a throttle valve (41) configured to control a flow amount of air flowing through an intake passage (30), a drive device (42) that includes an actuator (43) configured to drive the throttle valve (41) and a transmission mechanism (44) configured to transmit a drive force of the actuator (43) to the throttle valve (41), and a housing (H) that includes an accommodation chamber (48) accommodating the transmission mechanism (44). A communication passage (60) configured to establish communication between the intake passage (30) and the accommodation chamber (48) is formed in the throttle body (40).

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

CPC (source: EP)
F02D 9/02 (2013.01); **F02D 9/1035** (2013.01); **F02D 9/1065** (2013.01)

Citation (search report)
• [X] EP 1422404 A1 20040526 - KEIHIN CORP [JP], et al
• [XI] JP H06129267 A 19940510 - AISAN IND
• [XI] JP 2008095559 A 20080424 - AISAN IND
• See references of WO 2017159132A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3431739 A1 20190123; EP 3431739 A4 20191204; JP 6688384 B2 20200428; JP WO2017159132 A1 20181018;
WO 2017159132 A1 20170921

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EP 17766140 A 20170208; JP 2017004629 W 20170208; JP 2018505341 A 20170208