

Title (en)  
Multiple throttle device

Title (de)  
Mehrfachdrosselvorrichtung

Title (fr)  
Vanne à papillon multiple

Publication  
**EP 2599984 A3 20150624 (EN)**

Application  
**EP 12195042 A 20121130**

Priority  
JP 2011262026 A 20111130

Abstract (en)  
[origin: EP2599984A2] A multiple throttle device of the invention employs a constitution in which, as a sensor section (33) that detects the opening of throttle valves (23), a shaft member (35) formed to have a different axis from a throttle shaft is positioned within the width L of a throttle body (19), and a throttle position sensor (37) is disposed in the shaft member.

IPC 8 full level  
**F02D 9/10** (2006.01); **F02D 11/10** (2006.01)

CPC (source: EP)  
**F02D 9/105** (2013.01); **F02D 9/1065** (2013.01); **F02D 9/1095** (2013.01); **F02D 11/107** (2013.01)

Citation (search report)

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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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
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