

Title (en)  
Filter device

Title (de)  
Filtereinrichtung

Title (fr)  
Dispositif de filtre

Publication  
**EP 2177725 B1 20141210 (DE)**

Application  
**EP 09173047 A 20091014**

Priority  
DE 102008052259 A 20081018

Abstract (en)  
[origin: EP2177725A1] The filter device (1) has filter housing (2) that is made of plastic material, and stiffened fastening flanges (3), over which the filter device is braced against internal combustion engine. The fastening flanges are arranged between the filter housing and the internal combustion engine.

IPC 8 full level  
**F01M 11/03** (2006.01)

CPC (source: EP)  
**F01M 11/03** (2013.01)

Cited by  
DE102016007067A1; DE102016000338A1

Designated contracting state (EPC)  
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 SE SI SK SM TR

DOCDB simple family (publication)  
**EP 2177725 A1 20100421; EP 2177725 B1 20141210; EP 2177725 B2 20180718**; DE 102008052259 A1 20100422

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