

Title (en)

Filter device, in particular for filtering combustion air in combustion engines

Title (de)

Filtereinrichtung, insbesondere zur Filtration von Verbrennungsluft in Brennkraftmaschinen

Title (fr)

Dispositif de filtrage, en particulier destiné à la filtration d'air de combustion dans des moteurs à combustion interne

Publication

EP 1911960 A3 20101027 (DE)

Application

EP 07116806 A 20070920

Priority

DE 102006048076 A 20061009

Abstract (en)

[origin: EP1911960A2] A filter hose (6) is provided with a purifying filtration coating (11) on the diverting side (14) of the filter wall. made from polymeric or synthetic material nano-fibers. The diameter of nano-fibers is less than 1 micro meter or within the range between 50 and 500 nano meters. The thickness of the coating is small compared to the radial thickness of the filter hose wall. An independent claim is also included for a method for production of a filter mechanism.

IPC 8 full level

F02M 35/024 (2006.01)

CPC (source: EP US)

F02M 35/024 (2013.01 - EP US); **F02M 35/04** (2013.01 - EP US)

Citation (search report)

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- [Y] US 2003010002 A1 20030116 - JOHNSON BRUCE A [US], et al
- [Y] WO 2005095783 A1 20051013 - MANN & HUMMEL GMBH [DE], et al
- [A] US 2004261381 A1 20041230 - HEIKAMP WOLFGANG [DE]
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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

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DOCDB simple family (application)

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