

Title (en)
Crankcase ventilation for an internal combustion engine

Title (de)
Kurbelgehäuseentlüftung für eine Brennkraftmaschine

Title (fr)
Ventilation de carter pour un moteur à combustion interne

Publication
EP 0685635 B2 20020807 (DE)

Application
EP 95106551 A 19950502

Priority
DE 4415407 A 19940502

Abstract (en)
[origin: EP0685635A1] A breather for the crankcase of an IC engine uses an electrostatic filter (1) as an oil separator. The filter may be tubular or flat. It may be have one or more stages. It is in series with at least one more oil separator located before it with reference to flow direction of the centrifugal, baffle or fibre type. The return pipe (4) from the electrostatic filter has a trap (41) or non-return valve. The electrostatic filter has a metal earthed pipe (2) guiding the fumes with a central rod or thin tube (3) insulated from it and charged to twelve or twenty four volts from a generator.
<IMAGE>

IPC 1-7
F01M 13/04; **B03C 3/88**

IPC 8 full level
B03C 3/88 (2006.01); **F01M 13/04** (2006.01)

CPC (source: EP)
B03C 3/88 (2013.01); **F01M 13/04** (2013.01); **F01M 2013/0466** (2013.01); **F01M 2013/0488** (2013.01)

Cited by
DE102018204267A1; DE10232602A1; DE202005010532U1; ES2183719A1; DE19701463C1; US5934261A; WO2004009243A1; US7473305B2; US7115153B2; WO2005119020A1; US7704300B2; US7105042B2; US9452435B2; EP1067276B1; WO2005039779A1; WO2004014561A1

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