

Title (en)

Filter cartridge for air conditioning systems for vehicles

Title (de)

Filterkartusche für eine Klimaanlage eines Kraftfahrzeuges

Title (fr)

Cartouche filtrante pour système de climatisation de véhicule automobile

Publication

**EP 1580500 B1 20070530 (EN)**

Application

**EP 04425203 A 20040324**

Priority

EP 04425203 A 20040324

Abstract (en)

[origin: EP1580500A1] A filter cartridge for air conditioning systems for vehicles, comprising a particle filter (12) borne by a support structure made of plastic material (18, 20), and a cap (14) provided with at least one sealing o-ring (38). The cap (14) comprises a body (36) made of injection moulded plastic material fastened to the support structure of the filter (18, 20) by means of a bayonet coupling (50, 68). The body of the cap (36) has at least one annular seat with substantially U shaped cross section for said o-ring (38) comprising a bottom wall (44), a first radial wall (48) and a second radial wall (60). At least one of said radial walls (60) is formed on the support body of the filter (18, 20).

IPC 8 full level

**F25B 43/00** (2006.01); **B60H 3/00** (2006.01)

CPC (source: EP)

**F25B 43/003** (2013.01); **F25B 2339/0441** (2013.01); **F25B 2400/162** (2013.01)

Cited by

EP1748266A3; DE102015212205A1

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DOCDB simple family (publication)

**EP 1580500 A1 20050928; EP 1580500 B1 20070530**; AR 055811 A1 20070912; AT E363634 T1 20070615; BR PI0500883 A 20051101; DE 602004006710 D1 20070712; DE 602004006710 T2 20071004; ES 2287678 T3 20071216; PT 1580500 E 20070824

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