

Title (en)

Canister for evaporated fuel processing system with a monolithically formed block of activated carbon and a method of manufacturing thereof

Title (de)

Sammelbehälter für ein Kraftstoffdampfbehandlungssystem mit einem monolithisch hergestellten Block aus Aktivkohle und Verfahren zur Herstellung derselben

Title (fr)

Récipient de rétention pour un système de traitement des vapeurs de carburant avec un bloc de charbon actif constitué monolithique et son procédé de fabrication

Publication

**EP 1788230 A1 20070523 (EN)**

Application

**EP 05025302 A 20051119**

Priority

EP 05025302 A 20051119

Abstract (en)

The invention relates to a canister for evaporated fuel processing system, having a number of adsorbing chambers, wherein the last chamber 10 is connected with an atmospheric port 7 and comprises a monolithically formed block 12 of activated carbon. The block 12 is surrounded, at least from its atmospheric port 7 side by plastic, advantageously polyurethane, covering 13. Preferably, the block 12 is distanced from the atmospheric port 7 side of the last adsorbing chamber 10, defining an improved purge zone 15. The invention also relates to a method of manufacturing such a canister, where, after positioning the block of activated carbon inside the last adsorbing chamber, a covering surrounding the block is formed by injecting plastic, preferably polyurethane foam, into a space between the outer casing of the block and the inner casing of the chamber.

IPC 8 full level

**F02M 25/08** (2006.01)

CPC (source: EP)

**F02M 25/0854** (2013.01)

Citation (applicant)

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Citation (search report)

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- [A] US 5641344 A 19970624 - TAKAHASHI MASAFUMI [JP], et al
- [A] PATENT ABSTRACTS OF JAPAN vol. 004, no. 135 (C - 025) 20 September 1980 (1980-09-20)

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DOCDB simple family (publication)

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