

Title (en)

Device for preventing the backflow of fuel through a fuel vapour return line

Title (de)

Vorrichtung zur Vermeidung des Rückflusses von Kraftstoff in eine Kraftstoffdampfabfuhrleitung

Title (fr)

Dispositif pour éviter le retour d'essence dans une ligne de récupération de vapeurs

Publication

EP 1061038 A1 20001220 (EN)

Application

EP 00304876 A 20000608

Priority

IT MI991293 A 19990610

Abstract (en)

A device (35) for preventing the backflow of fuel through a fuel vapour return line comprises a body (36) which defines a cavity (37) and has at least one inlet through-hole (38) which leads into the cavity (37) and through which at least one gas or vapour which may contain at least one liquid can enter and at least one outlet through-hole (39) which emerges from the cavity (37) and through which the gas or vapour can flow out, said cavity (37) housing internally at least one sensor element (42, 43, 54) designed to detect the presence of at least one liquid which has accumulated in the device (35). <IMAGE>

IPC 1-7

B67D 5/04

IPC 8 full level

B67D 7/04 (2010.01)

CPC (source: EP)

B67D 7/048 (2013.01); **B67D 7/0488** (2013.01)

Citation (applicant)

- US 5038838 A 19910813 - BERGAMINI GIORGIO [IT], et al
- EP 0461770 B1 19950419 - GILBARCO INC [US]

Citation (search report)

- [XY] US 5762093 A 19980609 - WHITLEY II WARWICK M [US]
- [Y] US 5655577 A 19970812 - LOEN ANDREW EVERETT [CA], et al
- [A] US 2603493 A 19520715 - RUSCONI CARLO F
- [A] US 5579803 A 19961203 - WELKER BRIAN H [US]

Citation (examination)

- US 3958591 A 19760525 - HANSEL WILLIAM B, et al
- EP 1035071 A1 20000913 - MARCONI COMMERCE SYSTEMS S R L [IT]
- US 4064346 A 19771220 - COOK MARTIN CHRISTOPHER, et al

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Designated contracting state (EPC)

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