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Engine coolant flush filtering apparatus and method.

A method for rapid and efficient cleaning of an internal combustion engine cooling system includes:

- a) forcing the coolant liquid from the cooling system to the exterior of that system,
- b) treating the coolant liquid from the cooling system to the exterior of that system,
- b) treating the coolant liquid in a zone or zones outside the cooling system, such treating including removing contaminant from the coolant liquid,
- c) returning the treated coolant liquid to the cooling system,
- d) the forcing step including supplying pressurized gas to the cooling system to drive coolant liquid therefrom,
- e) the cooling system including a heat radiator including a container having a coolant liquid fill opening, and the forcing step including employing the gas to drive coolant liquid from the radiator via the container fill opening,
- f) and including the step of controllably venting fluid including gas from the container via the fill opening, during the step of returning the treated coolant liquid to the cooling system.

EP 0 360 057 A3



EP 89 11 6208

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
P,X	EP-A-304084 (WYNN OIL COMPANY) * the whole document *	1-27	F01P11/06
Y	US-A-3094131 (WILLIAMS) * column 1, line 8 - column 4, line 3; figure 1 *	1	
Y	US-A-4336133 (JOHNSON) * column 1, line 6 - column 2, line 47; figure 2 *	1	
A	US-A-4343353 (TSOPELAS) * column 2, line 27 - column 4, line 59; figures 1, 2 *	1, 20	
A	US-A-4597416 (SCALES) * the whole document *	1-20	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			F01P F28G
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 18 MAY 1990	Examiner WASSENAAR G.
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	