

Title (en)
ENGINE COOLANT FLUSH FILTERING APPARATUS AND METHOD

Publication
EP 0360057 A3 19900718 (EN)

Application
EP 89116208 A 19890901

Priority
• US 24817288 A 19880923
• US 25632888 A 19881003

Abstract (en)
[origin: EP0360057A2] 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.

IPC 1-7
F01P 11/06

IPC 8 full level
F01P 11/06 (2006.01)

CPC (source: EP)
F01P 11/06 (2013.01); **F01P 2011/065** (2013.01)

Citation (search report)
• [XP] EP 0304084 A2 19890222 - WYNN OIL CO [US]
• [Y] US 3094131 A 19630618 - WILLIAMS HENRY L
• [Y] US 4336133 A 19820622 - JOHNSON ROBERT C
• [A] US 4343353 A 19820810 - TSOPELAS JOHN
• [A] US 4597416 A 19860701 - SCALES FRANK J [US]

Designated contracting state (EPC)
AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
EP 0360057 A2 19900328; EP 0360057 A3 19900718; AU 4171689 A 19900329; AU 626217 B2 19920723; JP H02185616 A 19900720; MX 164369 B 19920806; NZ 230618 A 19920728

DOCDB simple family (application)
EP 89116208 A 19890901; AU 4171689 A 19890921; JP 24784789 A 19890922; MX 1759089 A 19890919; NZ 23061889 A 19890912