

Title (en)
COOLING SYSTEM

Publication
EP 0177025 A3 19870121 (DE)

Application
EP 85112439 A 19851002

Priority
US 65825384 A 19841005

Abstract (en)
[origin: US4535729A] An integrated cooling system for cooling a vehicle engine and fluid from a plurality of auxiliary heat sources that is composed of a radiator having upper and lower cavities joined by a plurality of tubes with the lower cavity being divided into a plurality of separate sections. A plurality of coolers, each having an intake and outlet in communication with a heat source, and each being in communication with one of the sections of the radiator. A valve is positioned downstream of the respective coolers and determines the amount of coolant moving through the respective coolers prior to the time that the coolant moves into an engine pump that forces the coolant into the engine and through a suitable return back to the upper compartment of the radiator.

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F01P 3/20

IPC 8 full level
F01P 3/20 (2006.01); **F01P 7/16** (2006.01); **F01P 11/08** (2006.01); **F28D 1/04** (2006.01); **F28F 9/02** (2006.01)

CPC (source: EP US)
F01P 3/20 (2013.01 - EP US); **F01P 7/16** (2013.01 - EP US); **F01P 7/165** (2013.01 - EP US); **F28D 1/0408** (2013.01 - EP US); **F28F 9/0202** (2013.01 - EP US); **F01P 2060/00** (2013.01 - EP US); **F01P 2060/04** (2013.01 - EP US); **F01P 2060/06** (2013.01 - EP US); **F01P 2060/08** (2013.01 - EP US)

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Designated contracting state (EPC)
DE FR GB IT

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