

Title (en)

AUTOMOTIVE HEAT EXCHANGER HEADERS

Title (de)

KRAFTFAHRZEUG-WÄRMETAUSCHER-ENDKAMMERN

Title (fr)

COLLECTEURS D'ECHANGEURS THERMIQUES DE VEHICULES AUTOMOBILES

Publication

EP 1613915 A1 20060111 (EN)

Application

EP 04720641 A 20040315

Priority

- GB 2004001090 W 20040315
- GB 0305861 A 20030314

Abstract (en)

[origin: WO2004081480A1] A header for an automotive heat exchanger, particularly for high pressure use has first and second header parts bonded to one another at a peripheral interface. At least one of the header elements has a cavity defining formation arranged to define a fluid receiving cavity when the header elements are bonded to one another. The cavity defining formation (or formations) is typically press formed or coined in an aluminium plate such that the peripheral interface is defined by peripheral flanges extending around the entire periphery of the cavity defining formation(s).

IPC 1-7

F28F 9/02

IPC 8 full level

F28F 9/02 (2006.01)

CPC (source: EP GB)

F28F 9/0214 (2013.01 - EP); **F28F 9/0224** (2013.01 - EP); **F28F 9/0243** (2013.01 - GB); **F28F 9/18** (2013.01 - GB);
F28D 2021/0073 (2013.01 - EP)

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

WO 2004081480 A1 20040923; EP 1613915 A1 20060111; GB 0305861 D0 20030416; GB 2399406 A 20040915; GB 2399406 B 20060531

DOCDB simple family (application)

GB 2004001090 W 20040315; EP 04720641 A 20040315; GB 0305861 A 20030314