

Title (en)

A Clamped Structure between the Header and the Side Plate of an Automotive Heater Core

Title (de)

Klammerstruktur zwischen der Vorder- und Seitenplatte eines Automobilheizkörpers

Title (fr)

Structure bloquée entre le connecteur et la plaque latérale d'un noyau de dispositif de chauffage d'automobile

Publication

EP 2085735 A1 20090805 (EN)

Application

EP 09151645 A 20090129

Priority

CN 200810018984 A 20080130

Abstract (en)

This invention involves clinching tabs between the header and the side plate of an automotive heater core, which belongs to the field of auto parts technology. Said structure includes the headers (4) and the side plates (5), the characteristics of said structure are that there are clinching tabs (4.2) located at the center of the minor dimension of the headers (4) and the center of the ends of the side plates (5). Said clinching tabs (4.2) are clamped to the center of the ends of the side plates (5) to secure the side plates (5) and the header (4) of the automotive heater core. By using the clinching tabs, the connection between the side plates and headers is firmer and the overall angular rigidity of the automotive heater core is enhanced, thus the cooling fins are better protected from damage.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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