

Title (en)

Method of making an air gap isolated exhaust manifold for a vehicle

Title (de)

Verfahren zur Herstellung eines luftspaltisolierten Abgaskrümmers einer Fahrzeugabgasanlage

Title (fr)

Procédé de fabrication d'un collecteur d'échappement isolé par une couche d'air pour un véhicule

Publication

EP 0919703 B1 20031126 (DE)

Application

EP 98119975 A 19981022

Priority

DE 19752773 A 19971128

Abstract (en)

[origin: EP0919703A2] The method entails the assembly of an exhaust gas manifold from a number of double-walled exhaust gas pipes coupled by interfitting their adjacent ends and welding the inner and outer pipes together via circular seams. An input flange is welded to the end of each double-walled exhaust gas pipe to be connected to the engine and an output flange is welded to the common output exhaust gas pipe.

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

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Cited by

DE102013113214A1; EP2075432A1; GB2349915A; GB2349915B; US8196302B2; US8375707B2; US6425243B1

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