

Title (en)

FLUID COOLED INJECTOR AND EXHAUST AFTERTREATMENT SYSTEM, VEHICLE, AND METHOD USING A FLUID COOLED INJECTOR

Title (de)

FLÜSSIGKEITSGEKÜHLTER INJEKTOR UND ABGASNACHBEHANDLUNGSSYSTEM, FAHRZEUG UND VERFAHREN UNTER VERWENDUNG EINES FLÜSSIGKEITSGEKÜHLTEN INJEKTORS

Title (fr)

INJECTEUR REFROIDI PAR FLUIDE ET SYSTÈME DE TRAITEMENT POSTCOMBUSTION DES GAZ ÉCHAPPEMENT, VÉHICULE, ET PROCÉDÉ D'UTILISATION D'UN INJECTEUR REFROIDI PAR FLUIDE

Publication

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Application

**EP 11863108 A 20110916**

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Abstract (en)

[origin: WO2012138373A1] A fluid cooled injector includes an injector body comprising an injector tip and a cooling channel, the injector tip comprising an injector orifice, and a heat conducting shield, the heat conducting shield comprising a heat conducting shield orifice arranged coaxially with the injector orifice, the heat conducting shield being in direct contact with at least one of the injector body and the injector tip. An exhaust aftertreatment system and a vehicle including such an injector, and a method involving the use of such an injector, are also disclosed.

IPC 8 full level

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