

Title (en)

ASSEMBLY CONSISTING OF A CYLINDER HEAD AND A FUEL INJECTOR

Title (de)

ANORDNUNG AUS EINEM ZYLINDERKOPF UND EINEM KRAFTSTOFFINJEKTOR

Title (fr)

DISPOSITIF COMPOSÉ D'UNE TÊTE DE CYLINDRE ET D'UN INJECTEUR DE CARBURANT

Publication

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Application

**EP 16770672 A 20160408**

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Abstract (en)

[origin: WO2016164943A2] The invention relates to an assembly consisting of a cylinder head (5) and a fuel injector (1) for an internal combustion engine comprising at least one combustion chamber, said injector having an injector tip (9). The end of the fuel injector (1) facing the combustion chamber (4) of the internal combustion engine is at least partially surrounded by a heat shield (2), and a heat dissipation device (3), by means of which heat can be dissipated from the combustion chamber (4) of the internal combustion engine, is provided in the region of the heat shield (2). The heat shield (2) surrounds the fuel injector (1) excluding the injector tip (9) and said heat shield (2) is designed as a collar that tapers towards the injector tip (9) and that is integrated into an injector sleeve (7) or the cylinder head (5).

IPC 8 full level

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