

Title (en)

Injector for introducing a fuel-air mixture into a combustion chamber

Title (de)

Injektor zum Einbringen eines Brennstoff-Luft-Gemisches in eine Brennkammer

Title (fr)

Injecteur pour l'introduction d'un mélange air-carburant dans une chambre de combustion

Publication

**EP 2808611 B1 20151202 (DE)**

Application

**EP 13170048 A 20130531**

Priority

EP 13170048 A 20130531

Abstract (en)

[origin: US2014352312A1] An injector (8) for introducing a fuel-air mixture into a combustion chamber: has a longitudinal axis (44) and includes a number of annular curved flow passages. Each flow passage comprises a fuel inlet opening (43), air inlet openings (42) and a fuel-air mixture outlet opening (9). The fuel inlet opening (43) is connected to a fuel distributor (41) and has a central axis (55) which runs perpendicular or parallel to the longitudinal axis (44) of the injector (8). The fuel-air mixture outlet opening (9) has a central axis which runs perpendicular to the longitudinal axis (44) of the injector (8). The air inlet openings (42) each have a central axis (54) which runs parallel to the longitudinal axis (44) of the injector (8).

IPC 8 full level

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CPC (source: EP US)

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