

Title (en)

INTERNAL COMBUSTION ENGINE WITH FUEL JOINT BLOCK AND METHOD OF ASSEMBLING FUEL SYSTEM

Title (de)

VERBRENNUNGSMOTOR MIT KRAFTSTOFFVERBINDUNGSBLOCK UND VERFAHREN ZUR MONTAGE EINER KRAFTSTOFFANLAGE

Title (fr)

MOTEUR COMBUSTION INTERNE AVEC BLOC COMMUN D'ADMISSION DE CARBURANT ET METHODE POUR ASSEMBLER LE SYSTEME DE CARBURANT

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Application

EP 05710792 A 20050225

Priority

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- JP 2004055204 A 20040227

Abstract (en)

An internal combustion engine constructed such that a high-pressure fuel is supplied to a fuel injection valve through a fuel supply path provided inside a cylinder head. An integrated type fuel joint block in which a fuel supply path through which a high-pressure fuel flows and a leak fuel path are arranged is detachably installed on a cylinder head, a high-pressure fuel inlet of the fuel joint block is connected to a fuel path from a fuel injection pump, a high-pressure fuel outlet of the fuel joint block is directly connected to a fuel path on the cylinder head side, and thus a fuel supply system and fuel return system about the cylinder head are integrated. As a result, in the internal combustion engine, the number of parts of the fuel system about the cylinder head is reduced and man-hours for assembly are reduced.

IPC 8 full level

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Cited by

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