

Title (en)
COMBINED FUEL INJECTION VALVE/IGNITION PLUG

Title (de)
BRENNSTOFFEINSPRITZVENTIL-ZÜNDKERZE-KOMBINATION

Title (fr)
COMBINAISON SOUPAPE D'INJECTION DE CARBURANT-BOUGIE D'ALLUMAGE

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Application
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Abstract (en)
[origin: WO03050409A1] The invention relates to a combined fuel injection valve/ignition plug (1) which comprises a fuel injection valve (2) for the direct injection of fuel into a combustion chamber of an internal combustion engine, and an ignition plug (3) which has an ignition plug insulator (19), a first electrode (20) and a second electrode (21) for igniting the fuel injected into the combustion chamber. The fuel injection valve (2) includes an actuator (4), interacting with an actuator element (5) that is functionally non-positively linked with a valve needle (6), said valve needle (6) or a valve closing element (7) linked therewith interacting with a valve seat surface (8) to give a sealing seat. The valve needle (6) of the fuel injection valve (2) and the ignition plug insulator (19) of the ignition plug (3) are disposed biaxially off-set in a common housing (9).

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