

Title (en)

PRECHAMBER ELEMENT, IGNITING DEVICE AND METHOD FOR ASSEMBLING AN IGNITING DEVICE

Title (de)

VORKAMMERELEMENT, ZÜNDVORRICHTUNG UND VERFAHREN ZUR MONTAGE EINER ZÜNDVORRICHTUNG

Title (fr)

ÉLÉMENT DE PRÉCHAMBRE, DISPOSITIF D'ALLUMAGE ET PROCÉDÉ D'ASSEMBLAGE D'UN DISPOSITIF D'ALLUMAGE

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Application

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Abstract (en)

[origin: WO2024056140A1] A prechamber element (2) for an igniting device (1) with a main body (3) and a prechamber cover (4), wherein the main body (3) and the prechamber cover (4) form a prechamber (5), wherein the main body (3) has an opening (6) for receiving a spark plug (15) and has a fastening portion (9) for arrangement in an assembly channel (10) of a cylinder head (11) or a cylinder head sleeve (12), and wherein at least one overflow passage (7) is formed on the main body (3) and/or on the prechamber cover (4), is characterised in that at least one outlet opening (8) of the at least one overflow passage (7) lies at least partially outside a volume body (23) that is described by a geometric extrusion of a smallest cross section (13) of the assembly channel (10) along a longitudinal axis (14) of the assembly channel (10). The invention also relates to an igniting device (1) with a prechamber element (2) and a cylinder head sleeve (12) and/or a cylinder head (11), and to a method for assembling said igniting device (1).

IPC 8 full level

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