

PLUG VALVE AND COMBUSTION DEVICE HAVING SAME

ABSTRACT

Provided is a plug valve (100) and a combustion device having the same. The plug valve (100) includes a valve body (1), an electromagnetic valve (2), and a valve core (3). The valve body (1) internally has a valve core accommodation cavity (111), a gas inlet channel, an outer ring channel, an inner ring channel (140), and an electromagnetic valve accommodation cavity (151). The electromagnetic valve (2) is configured to enable or disable communication between the gas inlet channel and the valve core accommodation cavity (111). The valve core (3) has an inner ring gas channel configured to communicate the valve core accommodation cavity (111) with the inner ring channel (140) and an outer ring gas channel configured to communicate the valve core accommodation cavity (111) with the outer ring channel. A gas inlet (121) of the gas inlet channel, an outer ring gas outlet (131) of the outer ring channel, and an inner ring gas outlet (141) of the inner ring channel (140) are coplanar and have collinear circle centers.

Fig. 1

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