

Title (en)

GAS CARTRIDGE AND ASSEMBLY COMPRISING A CONNECTION DEVICE FOR GAS APPLIANCE AND A GAS CARTRIDGE

Title (de)

GASKARTUSCHE UND ANORDNUNG MIT EINER VORRICHTUNG ZUR VERBINDUNG EINES GASGERÄTS MIT EINER GASKARTUSCHE

Title (fr)

CARTOUCHE DE GAZ ET UN ENSEMBLE COMPORTANT UN DISPOSITIF DE CONNEXION D' APPAREIL À GAZ ET UNE CARTOUCHE DE GAZ

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Application

EP 22168849 A 20220419

Priority

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- FR 2104143 A 20210421
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Abstract (en)

[origin: KR20220145296A] The present invention relates to a gas cartridge (310), and more specifically, to a gas cartridge, which comprises a joint (320) and a valve (314) which includes a poppet (318) which is configured to be moved between a closing location and a maximum opening location by passing through a plurality of intermediary opening locations. Here, the poppet (318) comprises: a first contact unit which is arranged to come in contact with a joint (320) when the poppet (318) is at the closing location; a second contact unit which is arranged to come in contact with a valve pusher of a gas appliance connection device when the poppet (318) passes through the plurality of intermediary opening locations to be moved between the closing location and the maximum opening location; and a connecting unit which is a connecting unit connecting the first contact unit to the second contact unit, and is formed such that the gas passage cross section between a joint (320) and a connection portion may be increased when the poppet (318) passes through the plurality of intermediary opening locations to be moved between the closing location and the maximum opening location.

Abstract (fr)

La présente demande se rapporte à une cartouche de gaz (310) comportant une valve (314) comprenant un joint (320) et un clapet (318) configuré pour être déplacé entre une position fermée et une position d'ouverture maximum, dans laquelle le clapet (318) comprend : une première portion de contact agencée pour être en contact avec le joint (320) lorsque le clapet (318) est en position fermée; une seconde portion de contact agencée pour être en contact avec un pousse valve d'un dispositif de connexion d'appareil à gaz lorsque le clapet (318) est déplacé entre la position fermée et la position d'ouverture maximum; et une portion de liaison reliant la première portion de contact et la seconde portion de contact conformée de sorte qu'une section de passage de gaz entre le joint (320) et la portion de liaison augmente lorsque le clapet (318) est déplacé entre la position fermée et la position d'ouverture maximum.

IPC 8 full level

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CPC (source: EP KR)

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Citation (applicant)

FR 2876776 A1 20060421 - APPLIC DES GAZ SOC PAR ACTIONS [FR]

Citation (search report)

- [XAY] EP 0298881 A1 19890111 - APPLIC GAZ SA [FR]
- [XAY] WO 2013072372 A1 20130523 - LUXEMBOURG PATENT CO [LU]
- [XAY] GB 2240612 A 19910807 - CEODEUX SA [LU]

Designated contracting state (EPC)

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