

Title (en)
EMITTER FOR ION THRUSTER

Title (de)
EMITTER FÜR IONENANTRIEB

Title (fr)
EMETTEUR POUR PROPULSEUR IONIQUE

Publication
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Application
EP 08762138 A 20080221

Priority
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• FR 0753407 A 20070221

Abstract (en)
[origin: FR2912836A1] The emitter (100) has an external part (110) with a polished external surface (111) and an internal surface (112), and an internal part (120) with an internal surface (121) and an external surface (122). The surfaces (112, 122) determine an internal reservoir (160) and a slit (170), and metallic studs (123-125) are formed on the surface (122) for defining a thickness of the slit between 1 and 2 micrometers by deposit of the internal part. The external part is applied against the internal part by a connection unit (140) with interposition of a sealing hold (130).

IPC 8 full level
F03H 1/00 (2006.01); **H01J 27/26** (2006.01)

CPC (source: EP US)
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