

CPC**COOPERATIVE PATENT CLASSIFICATION****F03H****PRODUCING A REACTIVE PROPULSIVE THRUST, NOT OTHERWISE PROVIDED FOR** (from combustion products [F02K](#))**F03H 1/00**

Using plasma to produce a reactive propulsive thrust (generating plasma [H05H 1/00](#)) {(ion sources per se [H01J 27/02](#), ion sources for plasma processing or ion beams [H01J 37/08](#))}

[F03H 1/0006](#)

. {Details applicable to different types of plasma thrusters (arrangements specially adapted for fitting plasma engines in or to cosmonautic vehicles [B64G 1/405](#))}

[F03H 1/0012](#)

.. {Means for supplying the propellant}

[F03H 1/0018](#)

.. {Arrangements or adaptations of power supply systems (for cosmonautic vehicles [B64G 1/42](#))}

[F03H 1/0025](#)

.. {Neutralisers, i.e. means for keeping electrical neutrality}

[F03H 1/0031](#)

.. {Thermal management, heating or cooling parts of the thruster (temperature control for cosmonautic vehicles [B64G 1/50](#))}

[F03H 1/0037](#)

. {Electrostatic ion thrusters}

[F03H 1/0043](#)

.. {characterised by the acceleration grid (extraction optics for ion sources [H01J 27/024](#))}

[F03H 1/005](#)

.. {using field emission, e.g. Field Emission Electric Propulsion [FEEP]}

[F03H 1/0056](#)

.. {with an acceleration grid and an applied magnetic field}

[F03H 1/0062](#)

.. {grid-less with an applied magnetic field}

[F03H 1/0068](#)

... {with a central channel, e.g. end-Hall type}

[F03H 1/0075](#)

... {with an annular channel; Hall-effect thrusters with closed electron drift}

[F03H 1/0081](#)

. {Electromagnetic plasma thrusters}

[F03H 1/0087](#)

. {Electro-dynamic thrusters, e.g. pulsed plasma thrusters}

[F03H 1/0093](#)

. {Electro-thermal plasma thrusters, i.e. thrusters heating the particles in a plasma (resistojets per se [B64G 1/406](#))}

F03H 3/00

Use of photons to produce a reactive propulsive thrust

F03H 99/00

Subject matter not provided for in other groups of this subclass