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**