

Title (en)
HALL-EFFECT PLASMA THRUSTER

Title (de)
HALLEFFECKTPLASMAANTRIEB

Title (fr)
PROPULSEUR PLASMIQUE A EFFET HALL

Publication
EP 1520104 A2 20050406 (FR)

Application
EP 03763933 A 20030707

Priority
• FR 0302100 W 20030707
• FR 0208612 A 20020709

Abstract (en)
[origin: US7543441B2] A plasma thruster having a magnetic circuit of a downstream bottom plate from which arms protrude. At least one of the arms includes a permanent magnet. The mass, overall dimensions, electricity consumption, and cost of the thruster are thereby reduced.

IPC 1-7
F03H 1/00

IPC 8 full level
F03H 1/00 (2006.01)

CPC (source: EP US)
F03H 1/0075 (2013.01 - EP US)

Cited by
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DOCDB simple family (publication)
US 2006010851 A1 20060119; US 7543441 B2 20090609; AT E394596 T1 20080515; AU 2003263268 A1 20040202;
DE 60320795 D1 20080619; EP 1520104 A2 20050406; EP 1520104 B1 20080507; ES 2306893 T3 20081116; FR 2842261 A1 20040116;
RU 2005103228 A 20051027; RU 2319040 C2 20080310; WO 2004007957 A2 20040122; WO 2004007957 A3 20040513

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US 51967905 A 20050818; AT 03763933 T 20030707; AU 2003263268 A 20030707; DE 60320795 T 20030707; EP 03763933 A 20030707;
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