

Title (en)  
HALL-EFFECT PLASMA THRUSTER

Title (de)  
HALLEFFECKTPLASMAANTRIEB

Title (fr)  
PROPULSEUR PLASMIQUE A EFFET HALL

Publication  
**EP 1520104 B1 20080507 (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 8 full level  
**F03H 1/00** (2006.01)

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

Cited by  
CN104033346A

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

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

DOCDB simple family (application)  
**US 51967905 A 20050818;** AT 03763933 T 20030707; AU 2003263268 A 20030707; DE 60320795 T 20030707; EP 03763933 A 20030707;  
ES 03763933 T 20030707; FR 0208612 A 20020709; FR 0302100 W 20030707; RU 2005103228 A 20030707