

Title (en)

Electric discharging using a fluid

Title (de)

Elektrisches Entladen unter Verwendung eines Fluids

Title (fr)

Décharge électrique en utilisant un fluide

Publication

**EP 1750295 A1 20070207 (EN)**

Application

**EP 06111724 A 20060324**

Priority

EP 06111724 A 20060324

Abstract (en)

A discharging device (100) for discharging an electrically charged element (101), the discharging device (100) comprising a fluid supply unit (102) adapted to supply a fluid (103) to the electrically charged element (101) in such a manner that the electrically charged element (101) is at least partially discharged by the fluid (103).

IPC 8 full level

**H01J 49/10** (2006.01)

CPC (source: EP)

**H01J 49/10** (2013.01)

Citation (search report)

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- [X] US 2004206901 A1 20041021 - CHEN DAVID D Y [CA], et al
- [X] KOZLOV K V ET AL: "Investigation of the filamentary and diffuse mode of barrier discharges in N2/O2 mixtures at atmospheric pressure by cross-correlation spectroscopy; Barrier discharges in N2/O2 mixtures", JOURNAL OF PHYSICS D. APPLIED PHYSICS, INSTITUTE OF PHYSICS PUBLISHING, BRISTOL, GB, vol. 38, no. 4, 21 February 2005 (2005-02-21), pages 518 - 529, XP020083534, ISSN: 0022-3727
- [X] FALKENSTEIN, Z., COOGAN, J.J.: "Microdischarge behaviour in the silent discharge of nitrogen-oxygen and water-air mixtures", JOURNAL OF APPLIED PHYSICS D, vol. 30, 1997, pages 817 - 825, XP002400286
- [X] FENN J B ET AL: "ELECTROSPRAY IONIZATION-PRINCIPLES AND PRACTICE", MASS SPECTROMETRY REVIEWS, JOHN WILEY AND SONS, NEW YORK, NY, US, vol. 9, 1990, pages 37 - 70, XP000645776, ISSN: 0277-7037

Designated contracting state (EPC)

CH DE FR GB LI

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

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