

Title (en)

EXTREME UV AND SOFT X RAY GENERATOR

Title (de)

VORRICHTUNG ZUR ERZEUGUNG VON EUV- UND WEICHER RÖNTGENSTRAHLUNG

Title (fr)

GENERATEUR DE RAYONS ULTRAVIOLETS EXTREMES ET DE RAYONS X MOUS

Publication

EP 1654914 B1 20090325 (DE)

Application

EP 04744676 A 20040729

Priority

- IB 2004051323 W 20040729
- DE 10336273 A 20030807

Abstract (en)

[origin: WO2005015602A2] In a gas discharge source, in particular for generating extreme ultraviolet and/or soft X rays, a gas-filled chamber (3) is arranged between two electrodes (1, 2) and houses devices for letting in and pumping away gas, and an electrode (1) has a radiation exit opening (5) that defines an axis of symmetry (4). The improvements proposed consist in the arrangement of a diaphragm (6) between the two electrodes (1, 2), the diaphragm (6) working as a differential pumping stage and having at least one opening (7) located on the axis of symmetry (4).

IPC 8 full level

H05G 2/00 (2006.01)

CPC (source: EP KR US)

H01J 61/00 (2013.01 - KR); **H05G 2/00** (2013.01 - KR); **H05G 2/003** (2013.01 - EP US)

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DOCDB simple family (publication)

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