

Title (en)

Electrostatic deflection system for corpuscular radiation

Title (de)

Elektrostatisches Ablensystem für Korpuskularstrahlung

Title (fr)

Système de déviation électrostatique pour rayonnement corpusculaire

Publication

EP 1688964 A3 20080813 (DE)

Application

EP 06002118 A 20060202

Priority

DE 102005005801 A 20050204

Abstract (en)

[origin: EP1688964A2] An electrostatic diffraction system for corpuscular radiation for micro- and nano-structure lithography or measurement comprises bar electrodes held axially and symmetrically in an inner hollow carrier (1) through which an electron beam is directed. The carrier comprises between two and four mutually connectible carrier elements (1.1,1.2).

IPC 8 full level

G21K 1/087 (2006.01)

CPC (source: EP US)

G21K 1/087 (2013.01 - EP US)

Citation (search report)

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- [XA] US 5929452 A 19990727 - YOSHITAKE SHUSUKE [JP], et al
- [A] DE 3138898 A1 19830414 - SIEMENS AG [DE]
- [A] US 3497744 A 19700224 - HIMMELBAUER ERICH EDUARD, et al
- [A] JP H05129193 A 19930525 - FUJITSU LTD, et al
- [A] JP S57206172 A 19821217 - NIPPON TELEGRAPH & TELEPHONE
- [A] JP H02247966 A 19901003 - FUJITSU LTD
- [A] JP S59180943 A 19841015 - HITACHI LTD

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1688964 A2 20060809; EP 1688964 A3 20080813; DE 102005005801 A1 20060817; DE 102005005801 B4 20070809; JP 2006216558 A 20060817; US 2006192133 A1 20060831; US 7491946 B2 20090217

DOCDB simple family (application)

EP 06002118 A 20060202; DE 102005005801 A 20050204; JP 2006027127 A 20060203; US 34666606 A 20060203