

Title (en)
High power radiation device

Title (de)
Hochleistungsstrahler

Title (fr)
Dispositif de rayonnement à haute puissance

Publication
EP 0489184 B1 19960228 (DE)

Application
EP 90123090 A 19901203

Priority
EP 90123090 A 19901203

Abstract (en)
[origin: CA2055709A1] In the cooling of UV high-power radiators, the cooling of the inner electrodes (5) which are at high tension potential is critical insofar as it is necessary to use fully demineralized water or oil for this purpose. Since a cooling body (9) must in any event be employed for the external cooling, this cooling body is utilized at the same time as heat exchanger for the internal cooling. (Fig. 1)

IPC 1-7
H01J 65/04

IPC 8 full level
G21K 5/00 (2006.01); **H01J 61/52** (2006.01); **H01J 65/00** (2006.01); **H01J 65/04** (2006.01)

CPC (source: EP US)
H01J 65/046 (2013.01 - EP US)

Cited by
US8796640B2; WO2012059382A1

Designated contracting state (EPC)
CH DE FR GB IT LI NL

DOCDB simple family (publication)
EP 0489184 A1 19920610; EP 0489184 B1 19960228; CA 2055709 A1 19920604; DE 59010169 D1 19960404; JP 2783712 B2 19980806; JP H04301357 A 19921023; US 5198717 A 19930330

DOCDB simple family (application)
EP 90123090 A 19901203; CA 2055709 A 19911115; DE 59010169 T 19901203; JP 31778991 A 19911202; US 79705891 A 19911125