

Title (en)
High power radiation device.

Title (de)
Hochleistungsstrahler.

Title (fr)
Dispositif de rayonnement à haute puissance.

Publication
EP 0482230 B1 19950621 (DE)

Application
EP 90120261 A 19901022

Priority
EP 90120261 A 19901022

Abstract (en)
[origin: JPH04264349A] PURPOSE: To realize a high output beam generating apparatus that enables manufacture of economical and constituting of an extremely large surface beam generator based on the modular structure. CONSTITUTION: A plurality of dielectric tubes 6 having inner electrodes 7 are provided inside quarts forming bodies with a rectangle shape cross section at a UV high output beam. A filling gas is filled in the inner space of tubes that generate a UV beam under the discharging condition. A power supply structure is as follows, i.e., discharge sections 17 are formed between neighboring dielectric tubes 6. The superior features of this structure are compactness, economy, and ease of service.

IPC 1-7
H01J 65/04

IPC 8 full level
H01J 61/30 (2006.01); **H01J 61/35** (2006.01); **H01J 61/52** (2006.01); **H01J 61/54** (2006.01); **H01J 65/00** (2006.01); **H01J 65/04** (2006.01); **H01S 3/03** (2006.01); **H01S 3/038** (2006.01); **H01S 3/097** (2006.01); **H05H 1/24** (2006.01)

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

Cited by
DE4235743A1; EP1615258A3; EP1615257A3; EP1615258A2

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EP 0482230 A1 19920429; **EP 0482230 B1 19950621**; DE 59009300 D1 19950727; JP 2580266 Y2 19980903; JP H04264349 A 19920921; JP H081671 U 19961217; US 5283498 A 19940201

DOCDB simple family (application)
EP 90120261 A 19901022; DE 59009300 T 19901022; JP 27363191 A 19911022; JP 437496 U 19960521; US 77040891 A 19911003