

Title (en)

A high-frequency energy supply means for a high-frequency eletrodeless discharge lamp device

Title (de)

Hochfrequente Leistungsversorgung für elektrodenlose Hochfrequenzlampe

Title (fr)

Alimentation en énergie haute fréquence pour une lampe sans électrodes à haute fréquence

Publication

EP 0920240 A2 19990602 (EN)

Application

EP 98122476 A 19981126

Priority

JP 32777697 A 19971128

Abstract (en)

A high-frequency energy supply device has a group of side resonators which are electrically connected in a practically annular form, and supply high-frequency energy using resonant high-frequency electromagnetic fields generated in the center portion; and a plurality of high-frequency coupling part for coupling a plurality of high frequency energies propagated from a plurality of high-frequency propagation paths to said group of side resonators; wherein a plurality of high frequencies coupled to said group of side resonators from said plurality of high-frequency coupling means have phases and/or frequencies different from each other. <IMAGE>

IPC 1-7

H01J 37/32; H05H 1/18

IPC 8 full level

H01J 65/04 (2006.01); **H05B 41/24** (2006.01)

CPC (source: EP KR)

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EP 0920240 A2 19990602; **EP 0920240 A3 20000105**; **EP 0920240 B1 20040811**; CN 1218979 A 19990609; DE 69825546 D1 20040916; DE 69825546 T2 20041230; KR 19990045674 A 19990625; TW 430855 B 20010421

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EP 98122476 A 19981126; CN 98123029 A 19981127; DE 69825546 T 19981126; KR 19980051468 A 19981128; TW 87119674 A 19981126