

Title (en)
Single terminal type discharge lamp

Title (de)
Einseitig gesockelte Entladungslampe

Title (fr)
Lampe à décharge à culot unique

Publication
EP 0847072 B1 20020807 (EN)

Application
EP 97121434 A 19971205

Priority
JP 32698796 A 19961206

Abstract (en)
[origin: EP0847072A2] A single terminal type discharge lamp is provided, which comprises: a burner; a socket; a tubular holder, to which the burner is fitted, provided in the socket along a predetermined direction in which the burner is to be aligned; and a tubular metal holder spring which is mounted to the holder for radially depressing the holder toward the burner with deflecting force; wherein the burner is adhered to the socket due to the melt of the holder caused by the heat of the holder spring owing to radio-frequency heating which is performed when the one end of the burner is fitted to the holder such that the burner attains a predetermined position. Accordingly, the number of parts and the number of manufacturing steps are both reduced, thereby reducing costs of the discharge lamp. <IMAGE>

IPC 1-7
H01J 9/34; **H01J 5/58**

IPC 8 full level
H01J 5/50 (2006.01); **H01J 5/58** (2006.01); **H01J 9/34** (2006.01)

CPC (source: EP)
H01J 5/58 (2013.01); **H01J 9/34** (2013.01)

Cited by
EP0930635A3

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 0847072 A2 19980610; **EP 0847072 A3 19980729**; **EP 0847072 B1 20020807**; CA 2223378 A1 19980606; DE 69714555 D1 20020912; DE 69714555 T2 20030522; JP 2965920 B2 19991018; JP H10172419 A 19980626

DOCDB simple family (application)
EP 97121434 A 19971205; CA 2223378 A 19971203; DE 69714555 T 19971205; JP 32698796 A 19961206