

Title (en)  
ELECTRIC INCANDESCENT LAMP FOR SERIES CONNECTION

Publication  
**EP 0251372 A3 19891123 (DE)**

Application  
**EP 87201097 A 19870611**

Priority  
DE 3620373 A 19860618

Abstract (en)  
[origin: US4808885A] The electric lamp for series arrangement comprises at least one current-supply wire of nickel wire, copper wire or copper clad wire. A shortcircuit switch is provided, which consists of a vitreous mass, in which copper powder is dispersed and which is fused with the current-supply wires, and of an oxide skin, which is present on the said current-supply wire at the sealing-in area in the mass. The vitreous mass is electrically conducting. An electrical connection between the current-supply wires is not obtained, however, until the filament burns through and the oxide skin breaks down due to the overvoltage then occurring.

IPC 1-7  
**H01K 1/70**

IPC 8 full level  
**H01K 1/64** (2006.01); **H01K 1/70** (2006.01)

CPC (source: EP US)  
**H01K 1/70** (2013.01 - EP US)

Citation (search report)

- FR 1471502 A 19670303 - PATENT TREUHAND GES FUER ELEKTRISCHE GLUEHLAMPEN MBH
- GB 839160 A 19600629 - LUMALAMPAN AB
- US 4340841 A 19820720 - SCHUPP LEWIS J
- US 1681471 A 19280821 - FRITZ ECKHARDT, et al
- DE 39886 C

Designated contracting state (EPC)  
BE DE FR GB IT NL

DOCDB simple family (publication)  
**EP 0251372 A2 19880107; EP 0251372 A3 19891123; EP 0251372 B1 19930428**; CA 1291204 C 19911022; DE 3620373 A1 19871223; DE 3785607 D1 19930603; JP H0719586 B2 19950306; JP S632245 A 19880107; US 4808885 A 19890228

DOCDB simple family (application)  
**EP 87201097 A 19870611**; CA 540072 A 19870618; DE 3620373 A 19860618; DE 3785607 T 19870611; JP 14716887 A 19870615; US 6361687 A 19870618