

Title (en)
HIGH VOLTAGE HARD GLASS HALOGEN CAPSULE

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EP 0271858 A3 19900516 (EN)

Application
EP 87118490 A 19871214

Priority
US 94232786 A 19861216

Abstract (en)
[origin: EP0271858A2] The present invention is directed to a unique light source capsule having filamentary supports at each end of a coiled coil incandescent filament and at least one, preferably at least two, intermediate filament supports therein. Such light source capsules will be especially useful in high voltage European versions of Sylvania's Capsylite lamps.

IPC 1-7
H01K 1/18

IPC 8 full level
H01K 1/18 (2006.01)

CPC (source: EP)
H01K 1/18 (2013.01)

Citation (search report)

- [A] EP 0168015 A2 19860115 - GTE PROD CORP [US]
- [A] US 3930177 A 19751230 - MARTIN JACK
- [A] US 3743375 A 19730703 - DE FRAEYE D
- [A] FR 2264466 A7 19751010 - PATENT TREUHAND GES FUER ELEKTRISCHE GLUEHLAMPEN MBH [DE]
- [A] GB 1147140 A 19690402 - SYLVANIA ELECTRIC PROD [US]
- [A] GB 2065966 A 19810701 - GEN ELECTRIC
- [A] US 4208606 A 19800617 - NEWTON RALPH E [US]
- [A] GB 1062819 A 19670322 - SYLVANIA ELECTRIC PROD
- [A] US 4499401 A 19850212 - GRAVES JAMES A [US], et al
- [A] US 3634722 A 19720111 - PAIMER LEWIS H, et al
- [A] WESTINGHOUSE ENGINEER, vol. 32, no. 1, January 1972, pages 14-18; H.G. SHELL et al.: "Strengthening metal with bubbles"

Cited by
EP1191573A1; US2011017721A1; US6717339B2

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