

Title (en)
Low pressure sodium lamps.

Title (de)
Niederdrucknatriumlampen.

Title (fr)
Lampes à sodium à basse pression.

Publication
EP 0293138 A1 19881130 (EN)

Application
EP 88304564 A 19880520

Priority
GB 8712665 A 19870529

Abstract (en)
A low-pressure vapour electric discharge lamp (L) has a discharge tube filling consisting of neon alone and is connected to a circuit capable of supplying a high frequency current to the lamp. Using a high frequency current means that the lamp can be ignited, even though there is no argon in the discharge tube, contrary to convention. Thus the lamp can be operated a point closer to that of maximum efficacy.

IPC 1-7
H01J 61/74; **H01J 61/22**; **H01J 61/35**

IPC 8 full level
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CPC (source: EP)
H01J 61/22 (2013.01); **H01J 61/35** (2013.01); **H01J 61/74** (2013.01); **H05B 41/2925** (2013.01)

Citation (search report)

- [A] EP 0191537 A1 19860820 - PHILIPS NV [NL]
- [A] DE 1539514 A1 19691106 - PATENT TREUHAND GES FUER ELEKTRISCHE GLUEHLAMPEN MBH
- [A] US 4544863 A 19851001 - HASHIMOTO KEN [JP]
- [A] IEE PROCEEDINGS, vol. 128, no. 6, part A, September 1981, pages 397-414, Old Woking, Surrey, GB; J.W. DENNEMAN: "Low-pressure sodium discharge lamps"
- [A] PATENT ABSTRACTS OF JAPAN, vol. 10, no. 69 (E-389)[2126], 18th March 1986, page 45 E 389; & JP-A-60 218 761 (CANON K.K.) 01-11-1985

Designated contracting state (EPC)
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DOCDB simple family (application)
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