

Title (en)

Flat signalling lamp with dielectric barrier discharge

Title (de)

Flache Signallampe mit dielektrisch behinderter Entladung

Title (fr)

Lampe plate à décharge à barrière diélectrique

Publication

EP 0926704 A1 19990630 (DE)

Application

EP 97122798 A 19971223

Priority

EP 97122798 A 19971223

Abstract (en)

The flat signal lamp (1) has a discharge envelope which is partially transparent to visible radiation containing a gas filling, with a dielectric layer between the latter and at least one discharge electrode (9a,9k) for providing a dielectrically impeded discharge within the discharge envelope, one boundary surface of which provides the signal output surface. A number of parallel anode and cathode electrodes may be applied to the surface of the discharge envelope facing the signal output surface. An Independent claim for a traffic signal employing a flat signal lamp is also included.

Abstract (de)

Beschrieben wird eine flache Signallampe mit dielektrisch behinderter Entladung, die insbesondere zur Verwendung in Verkehrssignalen, vor allem Verkehrsampeln, vorgesehen ist. <IMAGE>

IPC 1-7

H01J 65/00

IPC 8 full level

H01J 65/00 (2006.01)

CPC (source: EP US)

H01J 65/00 (2013.01 - EP US); **H01J 61/305** (2013.01 - EP US)

Citation (search report)

- [Y] US 5479071 A 19951226 - LYNN JUDD B [US]
- [DYA] DE 19526211 A1 19970123 - PATENT TREUHAND GES FUER ELEKTRISCHE GLUEHLAMPEN MBH [DE]
- [A] EP 0766286 A1 19970402 - MITSUBISHI ELECTRIC CORP [JP]

Cited by

EP1589563A3; US6380669B1; US6483255B1

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0926704 A1 19990630; EP 0976144 A1 20000202; HU P0001317 A2 20000928; HU P0001317 A3 20030128; JP 2001513256 A 20010828; US 6348760 B1 20020219; WO 9934410 A1 19990708

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EP 97122798 A 19971223; EP 9808104 W 19981211; EP 98965815 A 19981211; HU P0001317 A 19981211; JP 53445799 A 19981211; US 36753999 A 19990816