

Title (en)

Electric lamp with a light-absorbing coating.

Title (de)

Elektrische Lampe mit einer lichtabsorbierenden Beschichtung.

Title (fr)

Lampe électrique avec revêtement absorbant la lumière.

Publication

EP 0354620 A1 19900214 (DE)

Application

EP 89202045 A 19890807

Priority

DE 3827451 A 19880812

Abstract (en)

In an electric lamp, the bulb (1) thereof is provided in part with a light-absorbing coating (7) which contains as colorant magnetite (Fe₃O₄), manganese dioxide (MnO₂), carbonyl iron (pure Fe) and titanium dioxide (TiO₂), which are contained in a silicon-containing bonding agent.
<IMAGE>

Abstract (de)

Bei einer elektrischen Lampe ist deren Kolben (1) teilweise mit einer lichtabsorbierenden Beschichtung (7) versehen, die als Farbmittel Magnetit (Fe₃O₄), Mangandioxid (MnO₂), Carbonyleisen (reines Fe) und Titandioxid (TiO₂) enthält, welche in einem siliziumhaltigen Bindemittel enthalten sind.

IPC 1-7

C03C 17/22; **H01J 61/35**; **H01K 1/32**

IPC 8 full level

H01J 5/08 (2006.01); **H01K 1/32** (2006.01)

CPC (source: EP KR)

H01J 5/08 (2013.01 - EP); **H01J 61/30** (2013.01 - KR); **H01K 1/32** (2013.01 - EP); **H01K 9/08** (2013.01 - EP)

Citation (search report)

- [AD] GB 1422491 A 19760128 - NARVA VEB
- [A] DE 2136012 A1 19730201 - PATENT TREUHAND GES FUER ELEKTRISCHE GLUEHLAMPEN MBH
- [A] DE 3043464 A1 19810604 - GTE PROD CORP [US]
- [A] CH 384147 A 19641115 - JENAER GLASWERK SCHOTT & GEN [DE]
- [A] US 2034987 A 19360324 - KIKUJIRO MORITA

Cited by

EP0503429A3; EP1083588A1; US5619102A; CN1089481C; US7740900B2; US6270237B1; WO9615548A1; WO9949498A1

Designated contracting state (EPC)

BE DE ES FR GB IT NL

DOCDB simple family (publication)

DE 3827451 C1 19891012; CN 1040458 A 19900314; DD 284097 A5 19901031; EP 0354620 A1 19900214; HU 201422 B 19901028; HU T50533 A 19900228; JP H0287456 A 19900328; KR 900003957 A 19900327

DOCDB simple family (application)

DE 3827451 A 19880812; CN 89105638 A 19890809; DD 33161589 A 19890809; EP 89202045 A 19890807; HU 407689 A 19890809; JP 20490389 A 19890809; KR 890011310 A 19890809