

Title (en)

Luminescent mixture and fluorescent lamp for the illumination of food

Title (de)

Leuchtstoffmischung und Leuchtstofflampe für Lebensmittelbeleuchtung

Title (fr)

Composition luminescente et lampe fluorescente pour l'illumination des produits alimentaires

Publication

EP 0990691 A3 20020116 (DE)

Application

EP 99119226 A 19990928

Priority

DE 19844879 A 19980930

Abstract (en)

[origin: EP0990691A2] Phosphor mixture contains a halophosphate luminescent material containing solid Mn<2+> or a mixture of several halophosphates with different Mn<2+>, and red luminescent phosphor with an emission maximum of approximately 625 nm and a half intensity width of the emission of less than 100 nm. An Independent claim is also included for a phosphor lamp comprising two layers of the above phosphor mixture.

IPC 1-7

C09K 11/08; C09K 11/73; H01J 61/44; H01J 61/48

IPC 8 full level

H01J 61/44 (2006.01)

CPC (source: EP)

H01J 61/44 (2013.01)

Citation (search report)

- [X] US 5612590 A 19970318 - TRUSHELL CHARLES [US], et al
- [XY] US 4602188 A 19860722 - DE HAIR JOHANNES T W [NL], et al
- [XP] EP 0896361 A1 19990210 - MATSUSHITA ELECTRIC IND CO LTD [JP]
- [X] WO 9836441 A1 19980820 - MATSUSHITA ELECTRIC IND CO LTD [JP], et al
- [Y] EP 0425830 A1 19910508 - GEN ELECTRIC [US]

Cited by

EP1184892A3; DE202019001043U1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 0990691 A2 20000405; **EP 0990691 A3 20020116**; DE 19844879 A1 20000406

DOCDB simple family (application)

EP 99119226 A 19990928; DE 19844879 A 19980930