

Title (en)  
Luminescent article with protective coating and manufacture

Title (de)  
Lumineszenter Schirm mit Schutzschicht und Herstellung

Title (fr)  
Ecran luminescent avec couche de protection et fabrication

Publication  
**EP 0510754 B1 19970115 (EN)**

Application  
**EP 92201066 A 19920415**

Priority  

- EP 92201066 A 19920415
- EP 91201009 A 19910426
- EP 91203156 A 19911203

Abstract (en)  
[origin: EP0510754A1] A luminescent article is provided which luminescent article comprises a self-supporting or supported layer of phosphor particles dispersed in a resin binder having applied thereto a protective coating, which has a layer thickness d comprised between 1 and 50  $\mu\text{m}$ , and an embossed surface roughness  $R_z$  so that the ratio between roughness  $R_z$  and thickness d is at least 0.35.

IPC 1-7  
**G21K 4/00**

IPC 8 full level  
**C09K 11/02** (2006.01); **C09D 5/22** (2006.01); **G03C 1/00** (2006.01); **G03C 1/06** (2006.01); **G21K 4/00** (2006.01)

CPC (source: EP)  
**G21K 4/00** (2013.01); **G21K 2004/08** (2013.01)

Cited by  
EP1884958A1; EP1884959A1; FR3022555A1; EP1318525A3; US6815092B2; EP3395793A1; CN110494414A; WO2015197947A1; WO2018197325A1

Designated contracting state (EPC)  
BE DE FR GB NL

DOCDB simple family (publication)  
**EP 0510754 A1 19921028; EP 0510754 B1 19970115**; DE 69216678 D1 19970227; DE 69216678 T2 19970724; JP H05247456 A 19930924

DOCDB simple family (application)  
**EP 92201066 A 19920415**; DE 69216678 T 19920415; JP 13198292 A 19920424