

Title (en)  
ENCAPSULATED LONG LIFE ELECTROLUMINESCENT PHOSPHOR

Title (de)  
GEKAPSELTER LANGLEBIGER ELEKTROLUMINESZIERENDER LEUCHTSTOFF

Title (fr)  
PROCEDE DE PRODUCTION D'UN LUMINOPHORE ELECTROLUMINESCENT

Publication  
**EP 1412098 A4 20080430 (EN)**

Application  
**EP 00978609 A 20001115**

Priority  
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• US 16661999 P 19991119

Abstract (en)  
[origin: WO0136559A2] A process for making an electroluminescent phosphor having a given emission spectra A, comprises the steps of manufacturing a beginning electroluminescent phosphor having an emission spectra B, different than A. A coating is applied to the phosphor having the emission spectra B to increase the resistance of the phosphor to the deleterious effects of moisture and change the emission spectra of the phosphor to emission spectra A. The application of the coating includes the steps of reacting a coating precursor with a mixture of oxygen and ozone.

IPC 8 full level  
**B05D 5/06** (2006.01); **B05D 5/00** (2006.01); **H05B 33/14** (2006.01); **C09K 11/00** (2006.01); **C09K 11/02** (2006.01); **C09K 11/08** (2006.01); **C09K 11/56** (2006.01); **C09K 11/58** (2006.01); **C23C 16/40** (2006.01)

CPC (source: EP)  
**C09K 11/025** (2013.01); **C09K 11/584** (2013.01)

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