

Title (en)  
PHOSPHOR POWDERS, METHODS FOR MAKING PHOSPHOR POWDERS AND DEVICES INCORPORATING SAME

Title (de)  
LEUCHTSTOFFPULVER, VERFAHREN ZUR HERSTELLUNG DERSELBEN UND VORRICHTUNG DIESE ENTHALTEND

Title (fr)  
POUDRES DE PHOSPHORE, PROCEDES DE FABRICATION DE POUDRES DE PHOSPHORE ET DISPOSITIFS INCORPORANT CEUX-CI

Publication  
**EP 1127098 A1 20010829 (EN)**

Application  
**EP 99968245 A 19990826**

Priority

- US 9919582 W 19990826
- US 14138698 A 19980827
- US 14139398 A 19980827
- US 14140598 A 19980827
- US 14052598 A 19980827

Abstract (en)  
[origin: WO0012649A1] Phosphor powders and a method for making phosphor powders. The phosphor powders have a small particle size, a narrow particle size distribution and are substantially spherical. The method of the invention advantageously permits the economic production of such powders. The invention also relates to improved devices, such as display devices, incorporating the phosphor powders.

IPC 1-7  
**C09K 11/54**; **C09K 11/56**; **C09K 11/59**; **C09K 11/64**; **C09K 11/63**; **C09K 11/78**; **C09K 11/79**; **C09K 11/80**; **C09K 11/84**; **G01T 1/20**

IPC 8 full level  
**C09K 11/00** (2006.01); **C09K 11/06** (2006.01); **C09K 11/08** (2006.01); **C09K 11/56** (2006.01); **C09K 11/58** (2006.01); **C09K 11/59** (2006.01); **C09K 11/62** (2006.01); **C09K 11/64** (2006.01); **C09K 11/66** (2006.01); **C09K 11/67** (2006.01); **C09K 11/77** (2006.01); **C09K 11/78** (2006.01); **C09K 11/79** (2006.01); **C09K 11/80** (2006.01); **C09K 11/84** (2006.01); **G21K 4/00** (2006.01); **H01J 29/08** (2006.01); **H01J 29/20** (2006.01); **H01J 31/12** (2006.01); **H01L 33/50** (2010.01); **H05B 33/14** (2006.01); **H05B 33/20** (2006.01)

CPC (source: EP US)  
**C09K 11/584** (2013.01 - EP); **C09K 11/595** (2013.01 - EP); **C09K 11/623** (2013.01 - EP); **C09K 11/642** (2013.01 - EP); **C09K 11/643** (2013.01 - EP); **C09K 11/644** (2013.01 - EP); **C09K 11/662** (2013.01 - EP); **C09K 11/666** (2013.01 - EP); **C09K 11/672** (2013.01 - EP); **C09K 11/7701** (2013.01 - EP); **C09K 11/7708** (2013.01 - EP); **C09K 11/7718** (2013.01 - EP); **C09K 11/7729** (2013.01 - EP); **C09K 11/7731** (2013.01 - EP); **C09K 11/7734** (2013.01 - EP US); **C09K 11/7769** (2013.01 - EP); **C09K 11/7771** (2013.01 - EP); **C09K 11/77742** (2021.01 - EP US); **C09K 11/7776** (2013.01 - EP); **C09K 11/7784** (2013.01 - EP); **C09K 11/7786** (2013.01 - EP); **C09K 11/7787** (2013.01 - EP); **C09K 11/7789** (2013.01 - EP); **C09K 11/7797** (2013.01 - EP); **G21K 4/00** (2013.01 - EP); **H01J 29/085** (2013.01 - EP); **H01J 29/20** (2013.01 - EP); **H01L 33/502** (2013.01 - EP); **H05B 33/14** (2013.01 - EP); **H05B 33/20** (2013.01 - EP); **G21K 2004/06** (2013.01 - EP); **H01J 2211/42** (2013.01 - EP); **H01L 2924/0002** (2013.01 - EP)

Designated contracting state (EPC)  
DE FR GB IT NL

DOCDB simple family (publication)  
**WO 0012649 A1 20000309**; AU 6021299 A 20000321; CA 2345300 A1 20000309; CA 2345300 C 20120124; EP 1127098 A1 20010829; EP 1127098 A4 20060524; JP 2002523610 A 20020730; JP 2010272544 A 20101202; JP 2015018812 A 20150129; JP 5837289 B2 20151224

DOCDB simple family (application)  
**US 9919582 W 19990826**; AU 6021299 A 19990826; CA 2345300 A 19990826; EP 99968245 A 19990826; JP 2000567645 A 19990826; JP 2010183169 A 20100818; JP 2014162326 A 20140808