

Title (en)  
NOVEL ORGANIC ELECTROLUMINESCENT COMPOUNDS AND ORGANIC ELECTROLUMINESCENT DEVICE USING THE SAME

Title (de)  
NEUE ORGANISCHE ELEKTROLUMINESZENZVERBINDUNGEN UND ORGANISCHE ELEKTROLUMINESZENZVORRICHTUNG DAMIT

Title (fr)  
NOUVEAUX COMPOSÉS ÉLECTROLUMINESCENTS ORGANIQUES ET DISPOSITIF ÉLECTROLUMINESCENT ORGANIQUE UTILISANT CELUI-CI

Publication  
**EP 2616462 A4 20140219 (EN)**

Application  
**EP 11825442 A 20110916**

Priority

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- KR 20100091545 A 20100917
- KR 2011006810 W 20110916

Abstract (en)  
[origin: WO2012036482A1] Provided are novel organic electroluminescent compounds and an organic electroluminescent device using the same. Because the organic electroluminescent compound disclosed herein exhibits good luminous efficiency and an excellent life performance, it may be used to manufacture OLED devices very superior in terms of operating life and which consume less power due to improved power efficiency.

IPC 8 full level  
**C07D 403/04** (2006.01); **C07D 403/14** (2006.01); **C07D 405/14** (2006.01); **C07D 409/14** (2006.01); **C09K 11/06** (2006.01); **H01L 27/32** (2006.01); **H01L 51/54** (2006.01)

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**C07D 403/04** (2013.01 - EP KR); **C07D 403/14** (2013.01 - EP KR); **C07D 405/14** (2013.01 - EP KR); **C07D 409/14** (2013.01 - EP KR); **C09K 11/06** (2013.01 - EP KR); **H05B 33/20** (2013.01 - KR); **H10K 50/11** (2023.02 - KR); **H10K 85/342** (2023.02 - KR); **H10K 85/6572** (2023.02 - EP KR); **H10K 85/6574** (2023.02 - EP KR); **H10K 85/6576** (2023.02 - EP KR); **C09K 2211/1007** (2013.01 - EP); **C09K 2211/1011** (2013.01 - EP); **C09K 2211/1029** (2013.01 - EP); **C09K 2211/1044** (2013.01 - EP); **C09K 2211/1088** (2013.01 - EP); **C09K 2211/1092** (2013.01 - EP); **H10K 50/11** (2023.02 - EP); **H10K 85/342** (2023.02 - EP); **H10K 2101/10** (2023.02 - EP)

Citation (search report)

- [Y] JP 2008214244 A 20080918 - CHISSO CORP
- [IY] US 2008122344 A1 20080529 - SHIN DONG-WOO [KR], et al
- See references of WO 2012036482A1

Designated contracting state (EPC)  
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