

SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application Number
EP 15 83 3181

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	WO 2013/005026 A2 (CAMBRIDGE DISPLAY TECH [GB]; SUMITOMO CHEMICAL CO [JP]; HUMPHRIES MART) 10 January 2013 (2013-01-10) * the whole document *	1-15	INV. C08G61/12 H01L51/50 C08L65/00
A	GAO CHUN-HONG ET AL: "Comparative studies on the inorganic and organic p-type dopants in organic light-emitting diodes with enhanced hole injection", APPLIED PHYSICS LETTERS, A I P PUBLISHING LLC, US, vol. 102, no. 15, 15 April 2013 (2013-04-15), pages 153301-153301, XP012171987, ISSN: 0003-6951, DOI: 10.1063/1.4802081 [retrieved on 2013-04-15] * the whole document *	1-15	
			TECHNICAL FIELDS SEARCHED (IPC)
			C08G H01L C08L C07D
The supplementary search report has been based on the last set of claims valid and available at the start of the search.			
Place of search Munich		Date of completion of the search 14 March 2018	Examiner Gavriliu, Daniela
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

14-03-2018

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 2013005026 A2	10-01-2013	CN 103748132 A	23-04-2014
		GB 2505834 A	12-03-2014
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		WO 2013005028 A1	10-01-2013
		WO 2013005029 A1	10-01-2013
		WO 2013005031 A1	10-01-2013

专利名称(译)	聚合物电荷转移层和含有它的有机电子器件		
公开(公告)号	EP3183761A4	公开(公告)日	2018-04-25
申请号	EP2015833181	申请日	2015-01-08
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CPC分类号	C07D209/86 H01L51/0003 H01L51/0034 H01L51/0043 H01L51/5056 H01L51/5072 H01L51/0059 H01L51/0072 C08G61/124 C08G2261/124 C08G2261/1424 C08G2261/1434 C08G2261/148 C08G2261/18 C08G2261/228 C08G2261/312 C08G2261/3142 C08G2261/3162 C08G2261/3241 C08G2261/512 C08G2261/95 H01L51/004 H01L51/005 H01L51/506		

代理机构(译)	霍顿MARK PHILLIP
优先权	PCT/CN2014/084915 2014-08-21 WO PCT/CN2014/084918 2014-08-21 WO
其他公开文献	EP3183761A1
外部链接	Espacenet

摘要(译)

本发明涉及包含聚合物和p-掺杂剂的聚合物电荷转移层。该聚合物包含作为聚合单元的单体A，单体B和单体C交联剂。本发明进一步涉及有机电子器件，尤其是含有聚合物电荷转移层的有机发光器件。



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A	GAO CHUN-HONG ET AL: "Comparative studies on the inorganic and organic p-type dopants in organic light-emitting diodes with enhanced hole injection", APPLIED PHYSICS LETTERS, A I P PUBLISHING LLC, US, vol. 100, no. 15, 15 April 2013 (2013-04-15), pages 153301-153301, XP012171987, ISSN: 0003-6951, DOI: 10.1063/1.4802081 [retrieved on 2013-04-15] " the whole document "	1-15	TECHNICAL FIELD (IPC) C08G H01L C08L C09D
The supplementary search report has been based on the text as shown valid and available at the start of the search.			
Place of search Munich		Date of completion of the search 14 March 2016	Examiner Gavriliu, Daniela
CATEGORY OF CITED DOCUMENTS			
A: Document relevant to the invention B: Document relevant to the application C: Document relevant to the prior art D: Document relevant to the prior art E: Document relevant to the prior art F: Document relevant to the prior art G: Document relevant to the prior art H: Document relevant to the prior art I: Document relevant to the prior art J: Document relevant to the prior art K: Document relevant to the prior art L: Document relevant to the prior art M: Document relevant to the prior art N: Document relevant to the prior art O: Document relevant to the prior art P: Document relevant to the prior art Q: Document relevant to the prior art R: Document relevant to the prior art S: Document relevant to the prior art T: Document relevant to the prior art U: Document relevant to the prior art V: Document relevant to the prior art W: Document relevant to the prior art X: Document relevant to the prior art Y: Document relevant to the prior art Z: Document relevant to the prior art			

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