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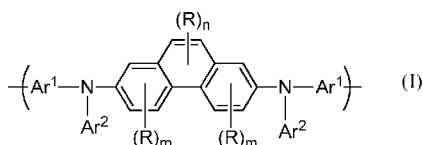
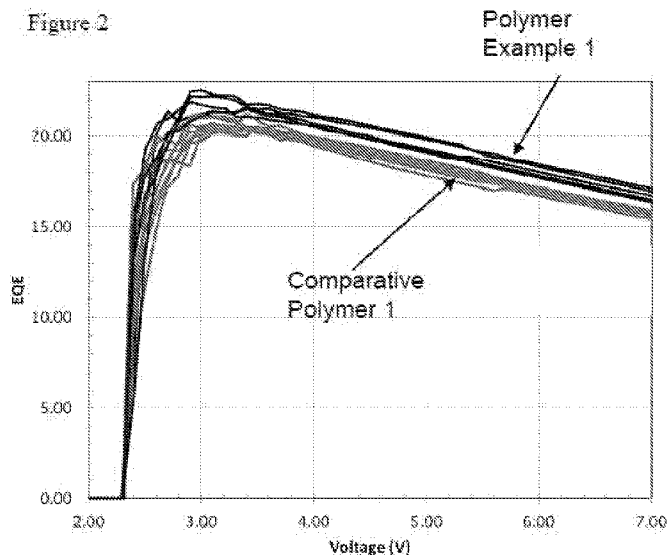
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[Continued on next page]

(54) Title: POLYMER AND DEVICE



(57) Abstract: A copolymer comprising a repeat unit of Formula (I) and at least one further repeat unit: Formula (I) wherein: wherein: Ar¹ and Ar² are each independently selected from aryl and heteroaryl, each of which is independently unsubstituted or substituted with one or more substituents; each R is independently a substituent; each n is independently 0, 1 or 2; each m is independently 0, 1, 2 or 3, and at least one of the repeat units of the polymer is a partially conjugating repeat unit.



HN, HR, HU, ID, IL, IN, IR, IS, JP, KE, KG, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

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B. FIELDS SEARCHED
 Minimum documentation searched (classification system followed by classification symbols)
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
 EPO-Internal, BEILSTEIN Data, CHEM ABS Data, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 645 610 A1 (COVION ORGANIC SEMICONDUCTORS [DE]) 12 April 2006 (2006-04-12) paragraph [0001] - paragraph [0030]; claims 1-14; examples	1-20
X	WO 2008/031743 A1 (CIBA SC HOLDING AG [CH]; WENDEBORN FREDERIQUE [FR]; SCHMIDHALTER BEAT) 20 March 2008 (2008-03-20) page 1, line 1 - page 62, line 6; claims 1-10; examples	1-20
X	US 2007/029927 A1 (KAWAMURA MASAHIRO [JP] ET AL) 8 February 2007 (2007-02-08) paragraph [0001] - paragraph [0186]; claims 1-12; examples	1-20
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Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

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Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Authorized officer Kiebooms, Rafaël
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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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X	WO 2005/104263 A1 (COVION ORGANIC SEMICONDUCTORS [DE]; PARHAM AMIR [DE]; HEUN SUSANNE [DE]) 3 November 2005 (2005-11-03) page 1, line 5 - page 17, line 20; claims 1-26; examples -----	1-20

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Information on patent family members

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