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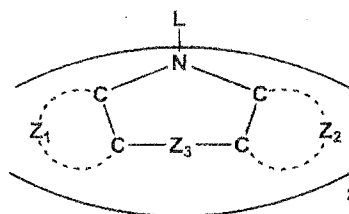
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(54) **Organic electroluminescent element and display**

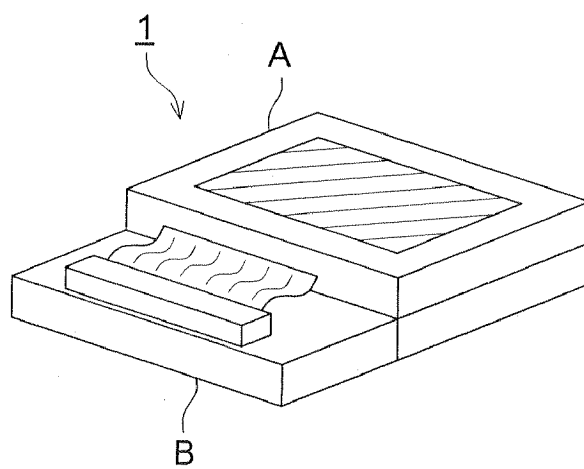
(57) The present invention relates to an organic electroluminescent element comprising a pair of electrodes having therebetween at least one constituting layer containing a phosphorescent light emitting layer, wherein one of the constituting layer contains a compound represented by Formula (1-11):

Formula (1-11)



wherein Z_1 represents an aromatic heterocyclic ring which may have a substituent; Z_2 represents an aromatic heterocyclic ring which may have a substituent or an aromatic hydrocarbon ring which may have a substituent; Z_3 represents a divalent linking group or a single bond; L represents a divalent linking group; and the two groups linked by L may be the same or different from each other.

FIG. 1





EUROPEAN SEARCH REPORT

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EP 10 16 7857

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	JP 2002 308837 A (FUJI PHOTO FILM CO LTD) 23 October 2002 (2002-10-23) * compounds HT-1 -HT-11, HT-13 * * compound CBP * * compounds A-3, A-4 * -----	1-10	INV. C09K11/06 H05B33/22
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			TECHNICAL FIELDS SEARCHED (IPC)
			C09K
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 3 November 2010	Examiner Saldamli, Saltuk
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			

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

EP 10 16 7857

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
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专利名称(译)	有机电致发光元件和显示器		
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外部链接	Espacenet		

摘要(译)

本发明涉及一种有机电致发光元件，其包括一对电极，其间具有至少一个含有磷光发光层的构成层，其中一个构成层含有由式 (1-11) 表示的化合物：其中Z1表示可具有取代基的芳香杂环；Z2表示可具有取代基的芳香杂环或可具有取代基的芳香烃环；Z3表示二价连接基团或单键；L代表二价连接基团；并且由L链接的两个组可以彼此相同或不同。

Formula (1-11)

