



(12) **CORRECTED EUROPEAN PATENT APPLICATION**
published in accordance with Art. 153(4) EPC

(15) Correction information:
Corrected version no 1 (W1 A1)
Corrections, see
Bibliography INID code(s) 71

(51) Int Cl.:
H01L 51/50 ^(2006.01) **C09D 11/00** ^(2014.01)
C09K 11/06 ^(2006.01) **H01L 51/05** ^(2006.01)
H01L 51/30 ^(2006.01) **H01L 51/42** ^(2006.01)
H05B 33/10 ^(2006.01)

(48) Corrigendum issued on:
12.11.2014 Bulletin 2014/46

(86) International application number:
PCT/JP2012/074546

(43) Date of publication:
03.09.2014 Bulletin 2014/36

(87) International publication number:
WO 2013/061720 (02.05.2013 Gazette 2013/18)

(21) Application number: **12843108.7**

(22) Date of filing: **25.09.2012**

(84) Designated Contracting States:
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO
PL PT RO RS SE SI SK SM TR

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(30) Priority: **25.10.2011 JP 2011233904**

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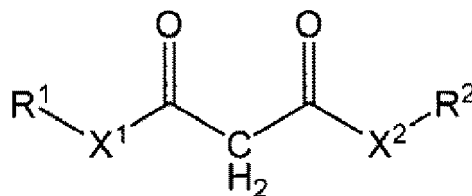
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(54) **MATERIAL FOR POSITIVE HOLE INJECTION TRANSPORT LAYER, INK FOR POSITIVE HOLE INJECTION TRANSPORT LAYER, DEVICE, AND PRODUCTION METHODS FOR SAME**

(57) The present invention is to provide the following: a material for hole injection transport layers and a production method thereof, the material capable of forming a hole injection transport layer by the solution application method and increasing device lifetime; an ink for forming hole injection transport layers and a production method thereof, the ink capable of forming a hole injection transport layer by the solution application method and increasing device lifetime; and a long-life device and a production method thereof.

Disclosed is a material for hole injection transport layers, which is a reaction product of a molybdenum complex with a compound represented by the following chemical formula (1):

Chemical Formula (1)



wherein R¹, R², X¹ and X² are as explained in the Description.

Fig. 1

