

Title (en)
LAYERED ELECTRONIC DEVICE

Title (de)
GESCHICHTETE ELEKTRONISCHE VORRICHTUNG

Title (fr)
DISPOSITIF ÉLECTRONIQUE À COUCHES

Publication
EP 2695216 A1 20140212 (FR)

Application
EP 12718700 A 20120406

Priority
• FR 1153109 A 20110408
• FR 2012050756 W 20120406

Abstract (en)
[origin: WO2012143648A1] The invention relates to a device which includes an organic polymer layer (1) and an electrode (3) positioned against the polymer layer, the electrode (3) consisting of a transparent stack of thin films including an alternation of n metal thin films (31) and $(n + 1)$ antiglare coatings (Mi) $1 \leq i \leq n+1$, where $n = 1$, wherein each metal thin film is arranged between two antiglare coatings (Mi). At least one of the two antiglare coatings located at the ends of the stack constituting the electrode (3) comprises a gas- and moisture-barrier stack (B1), the densities of the layers of said or each barrier stack alternating between a lower density and a higher density.

IPC 8 full level
H01L 31/0216 (2006.01); **H01L 31/0224** (2006.01); **H01L 51/52** (2006.01)

CPC (source: CN EP KR US)
G02B 1/116 (2013.01 - CN EP US); **H01L 31/02161** (2013.01 - KR); **H01L 31/02168** (2013.01 - CN EP US);
H01L 31/022466 (2013.01 - CN EP US); **H01L 31/022483** (2013.01 - EP US); **H01L 31/048** (2013.01 - CN EP US);
H10K 30/82 (2023.02 - CN EP US); **H10K 50/805** (2023.02 - KR); **H10K 50/816** (2023.02 - CN EP US); **H10K 50/828** (2023.02 - US);
H10K 50/84 (2023.02 - KR); **H10K 50/8445** (2023.02 - CN EP US); **H10K 50/86** (2023.02 - CN EP US); **H10K 2102/311** (2023.02 - CN EP US);
Y02E 10/549 (2013.01 - EP US)

Citation (search report)
See references of WO 2012143648A1

Designated contracting state (EPC)
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

DOCDB simple family (publication)
FR 2973946 A1 20121012; FR 2973946 B1 20130322; CN 103563119 A 20140205; EA 025947 B1 20170228; EA 201391498 A1 20140130;
EP 2695216 A1 20140212; JP 2014516455 A 20140710; JP 6181637 B2 20170816; KR 20140024883 A 20140303;
US 2014054578 A1 20140227; US 9059425 B2 20150616; WO 2012143648 A1 20121026

DOCDB simple family (application)
FR 1153109 A 20110408; CN 201280027204 A 20120406; EA 201391498 A 20120406; EP 12718700 A 20120406; FR 2012050756 W 20120406;
JP 2014503202 A 20120406; KR 20137029349 A 20120406; US 201214110233 A 20120406