

Title (en)
RADIATION DETECTING PANEL

Title (de)
STRAHLUNGSDETEKTIONSTAFEL

Title (fr)
PANNEAU DE DÉTECTION D'UN RAYONNEMENT

Publication
EP 2810058 A4 20150819 (EN)

Application
EP 12867455 A 20120730

Priority
• US 2012023171 W 20120130
• US 2012048907 W 20120730

Abstract (en)
[origin: WO2013115841A1] A radiation detecting panel is provided. This panel includes a substrate including a pixel region and a pad region, a scintillating layer configured to convert radiation into visible rays, a photoelectric device configured to convert the visible rays into currents in each pixel, a switching device configured to control output of the currents in each pixel; a plurality of bias lines configured to apply a bias voltage to the scintillating layer and the photoelectric device, a data line configured to be coupled to the switching device to transfer the currents, and a common bias line configured to transfer the bias voltage to the bias lines, wherein the common bias line and the bias lines are located on different layers. The data line and the bias lines are located on the same layer.

IPC 8 full level
G01N 23/04 (2006.01); **H01L 27/146** (2006.01)

CPC (source: EP KR)
H01L 27/14609 (2013.01 - EP); **H01L 27/14665** (2013.01 - EP); **H01L 31/115** (2013.01 - KR)

Citation (search report)
• [XY] EP 2086006 A2 20090805 - FUJIFILM CORP [JP]
• [XY] CN 102157533 A 20110817 - CARERAY DIGITAL MEDICAL SYSTEM CO LTD
• [XAY] US 2009152563 A1 20090618 - HAYASHI MASAMI [JP], et al
• [YA] JP 2004165561 A 20040610 - CANON KK

Citation (examination)
• US 2010193691 A1 20100805 - ISHII TAKAMASA [JP], et al
• See also references of WO 2013115841A1

Designated contracting state (EPC)
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KR 101415226 B1 20140704; KR 20130098136 A 20130904; KR 20130098137 A 20130904

DOCDB simple family (application)
US 2012048907 W 20120730; EP 12867455 A 20120730; KR 20127020858 A 20120730; KR 20127021136 A 20120730