

Title (en)

ELECTRONIC CIRCUIT COMPRISING A CURRENT CONVEYOR ARRANGED WITH AN ANTI-SATURATION DEVICE, AND CORRESPONDING DEVICE FOR DETECTING PHOTONS

Title (de)

ELEKTRONISCHE SCHALTUNG MIT EINEM STROMFÖRDERER MIT EINER SÄTTIGUNGSSCHUTZVORRICHTUNG UND ENTSPRECHENDE VORRICHTUNG FÜR DEN NACHWEIS VON PHOTONEN

Title (fr)

CIRCUIT ÉLECTRONIQUE COMPRENANT UN CONVOYEUR DE COURANT AGENCÉ AVEC UN DISPOSITIF ANTI-SATURATION, ET DISPOSITIF DE DÉTECTION DE PHOTONS CORRESPONDANT

Publication

**EP 2885654 A1 20150624 (FR)**

Application

**EP 13748315 A 20130813**

Priority

- FR 1257813 A 20120814
- EP 2013066937 W 20130813

Abstract (en)

[origin: WO2014027001A1] An electronic circuit comprising a current conveyor (103) connected to a load is provided, said load delivering at least one first voltage output (107) and one second voltage output (108). Such a circuit is noteworthy in that said second voltage output (108) has what is called a non-linear behaviour relative to the magnitude of the input current of said electronic circuit in a given range.

IPC 8 full level

**G01T 1/17** (2006.01)

CPC (source: EP US)

**G01J 1/44** (2013.01 - US); **G01T 1/17** (2013.01 - EP US); **G01J 2001/444** (2013.01 - US)

Citation (search report)

See references of WO 2014027001A1

Citation (examination)

US 7825735 B1 20101102 - WESSENDORF KURT O [US]

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

Designated extension state (EPC)

BA ME

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**WO 2014027001 A1 20140220**; EP 2885654 A1 20150624; FR 2994595 A1 20140221; FR 2994595 B1 20140912; US 2015204719 A1 20150723; US 9933302 B2 20180403

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