

Title (en)
ORGANIC RECTIFIER

Title (de)
ORGANISCHER GLEICHRICHTER

Title (fr)
REDRESSEUR ORGANIQUE

Publication
EP 1836655 A1 20070926 (DE)

Application
EP 05850184 A 20051220

Priority
• DE 2005002293 W 20051220
• DE 102004063435 A 20041223

Abstract (en)
[origin: WO2006066559A1] The invention relates to an electronic component (5) in the form of a flexible multilayered film body, particularly an RFID-transponder, such as a rectifier (52) for an electronic component. The electronic component (5) comprises a power source (51), a rectifier (52) and an electronic circuit (53) fed by the rectifier (52). The rectifier (52) comprises at least two organic diodes or organic field effect transistors with respectively at least one electric functional layer made of a semiconducting organic material. The rectifier (52) also comprises two or several charging or discharging capacitors which are connected to two or several organic diodes or organic field effect transistors such that the charging or discharging capacitors can be charged via various current paths.

IPC 8 full level
G06K 19/07 (2006.01); **H02M 7/10** (2006.01)

CPC (source: EP KR US)
G06K 19/07 (2013.01 - KR); **H02M 3/07** (2013.01 - EP US); **H02M 7/06** (2013.01 - KR); **H02M 7/10** (2013.01 - KR)

Citation (search report)
See references of WO 2006066559A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2006066559 A1 20060629; AU 2005318738 A1 20060629; CA 2590627 A1 20060629; CN 101088101 A 20071212; DE 102004063435 A1 20060727; EP 1836655 A1 20070926; JP 2008526001 A 20080717; KR 101226340 B1 20130124; KR 20070089950 A 20070904; MX 2007007460 A 20070815; TW 200635198 A 20061001; TW I323972 B 20100421; US 2008225564 A1 20080918; US 7724550 B2 20100525

DOCDB simple family (application)
DE 2005002293 W 20051220; AU 2005318738 A 20051220; CA 2590627 A 20051220; CN 200580044687 A 20051220; DE 102004063435 A 20041223; EP 05850184 A 20051220; JP 2007547171 A 20051220; KR 20077014135 A 20051220; MX 2007007460 A 20051220; TW 94145753 A 20051222; US 72245705 A 20051220