

Title (en)
VOLTAGE SUPPLY FOR A SENSOR

Title (de)
SPANNUNGSVERSORGUNG FÜR EINEN SENSOR

Title (fr)
ALIMENTATION EN TENSION D'UN CAPTEUR

Publication
EP 1000460 A1 20000517 (DE)

Application
EP 98942637 A 19980727

Priority
• DE 19732766 A 19970730
• EP 9804694 W 19980727

Abstract (en)
[origin: DE19732766A1] According to the invention, sensors which require a high voltage supply and require little current at least for temporary periods are supplied by an blocking oscillator with a high degree of efficiency. The efficiency of said blocking oscillator is due to the low inverse current of the rectifier, the blockage recovery time being short at the same time, the low consumption of the controlling system, and economical and therefore inexpensive voltage measurement. In particular, batteries with an especially long life can be used.

IPC 1-7
H02M 3/155

IPC 8 full level
G01T 1/18 (2006.01); **H01J 47/08** (2006.01); **H03K 3/57** (2006.01)

CPC (source: EP US)
G01T 1/18 (2013.01 - EP US); **H01J 47/08** (2013.01 - EP US); **H03K 3/57** (2013.01 - EP US)

Citation (search report)
See references of WO 9907058A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
DE 19732766 A1 19990204; **DE 19732766 C2 20001130**; AU 9069898 A 19990222; EP 1000460 A1 20000517; US 6194882 B1 20010227; WO 9907058 A1 19990211

DOCDB simple family (application)
DE 19732766 A 19970730; AU 9069898 A 19980727; EP 9804694 W 19980727; EP 98942637 A 19980727; US 46374500 A 20000131