

Title (en)

DEVICE FOR DETECTING THE SLIP OF A DRIVING BELT OF A GENERATOR DRIVEN BY A DRIVING MOTOR

Title (de)

VORRICHTUNG ZUR ERKENNUNG DES SCHLUPFES EINES ANTRIEBSRIEMENS EINES VON EINEM ANTRIEBSMOTOR ANGETRIEBENEN GENERATORS

Title (fr)

DISPOSITIF DE DETERMINATION DU GLISSEMENT D'UNE COURROIE D'ENTRAINEMENT D'UN GENERATEUR ENTRAINE PAR UN MOTEUR D'ENTRAINEMENT

Publication

EP 1224729 A1 20020724 (DE)

Application

EP 00978955 A 20000927

Priority

- DE 0003398 W 20000927
- DE 19949824 A 19991015

Abstract (en)

[origin: DE19949824A1] When the engine is idling energising a heavy electrical load (10), e.g. a fan, initiates an increase in speed of the engine (2) and vice versa. To identify whether belt slip results the device (7) monitors the generator terminal (DF) and vehicle power supply (Ub) voltages before and after the load is connected. From the changes in power supply voltage and generator voltage characteristic the presence of slip is identified and indicated by a lamp (12)

IPC 1-7

H02P 9/04

IPC 8 full level

H02P 9/04 (2006.01)

CPC (source: EP US)

H02P 9/04 (2013.01 - EP US)

Citation (search report)

See references of WO 0129960A1

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 19949824 A1 20010419; BR 0014867 A 20020625; EP 1224729 A1 20020724; US 6675642 B1 20040113; WO 0129960 A1 20010426

DOCDB simple family (application)

DE 19949824 A 19991015; BR 0014867 A 20000927; DE 0003398 W 20000927; EP 00978955 A 20000927; US 11037302 A 20020722