

Title (en)
DEVICE FOR CONTROLLING THE POWER SUPPLY OF A COMPUTER

Title (de)
EINRICHTUNG ZUM STEUERN DER STROMVERSORGUNG EINES COMPUTERS

Title (fr)
DISPOSITIF DE COMMANDE D'ALIMENTATION D'UN CALCULATEUR

Publication
EP 2414909 A2 20120208 (FR)

Application
EP 10713694 A 20100329

Priority

- FR 2010000264 W 20100329
- FR 0901576 A 20090331
- FR 0904686 A 20091001

Abstract (en)
[origin: WO2010112700A2] The invention relates to a device for controlling a computer (4) capable of being powered with a plurality of voltage levels, including a controller (2) arranged so as to receive charge data (Ci), deadline data (Ni), and instantaneous speed data (w) for said computer (4), in order to calculate a reference speed that enables said computer to run an amount of calculations drawn from the charge data (Ci) in a period drawn from the deadline data (Ni), and to calculate a control voltage level (V_lvl) and operating frequency (f_op) for said computer from said reference speed. At least one element from among the reference speed and the operating frequency (f_op) is calculated using the instantaneous speed data (w).

IPC 8 full level
G06F 1/32 (2006.01)

CPC (source: EP US)
G06F 1/3203 (2013.01 - EP US); **G06F 1/324** (2013.01 - EP US); **G06F 1/3296** (2013.01 - EP US); **Y02D 10/00** (2017.12 - EP US)

Citation (search report)
See references of WO 2010112700A2

Designated contracting state (EPC)
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 SE SI SK SM TR

DOCDB simple family (publication)
FR 2943806 A1 20101001; CN 102378949 A 20120314; EP 2414909 A2 20120208; FR 2943807 A1 20101001; JP 2012522300 A 20120920; JP 5519769 B2 20140611; US 2012110361 A1 20120503; WO 2010112700 A2 20101007; WO 2010112700 A3 20110407

DOCDB simple family (application)
FR 0901576 A 20090331; CN 201080014675 A 20100329; EP 10713694 A 20100329; FR 0904686 A 20091001; FR 2010000264 W 20100329; JP 2012502730 A 20100329; US 201013262087 A 20100329