

Title (en)

DEVICE FOR SMOOTHING A CURRENT SUPPLIED TO A CONSUMER

Title (de)

ANORDNUNG ZUM GLÄTTEN DES EINEM VERBRAUCHER ZUGEFÜHRTEN VERBRAUCHERSTROMES

Title (fr)

DISPOSITIF PERMETTANT DE LISSER LE COURANT CEDE A UN CONSOMMATEUR

Publication

EP 1842120 A1 20071010 (DE)

Application

EP 06706245 A 20060116

Priority

- EP 2006000334 W 20060116
- DE 102005003686 A 20050126

Abstract (en)

[origin: US2008191676A1] The invention relates to smoothing a consumer electrical circuit supplied by a controllable current sink connected in parallel to the consumer. For this purpose, measuring voltage proportional to a load current supplied to the consumer is derived therefrom. A pick value measuring device makes it possible to determine a maximum value thereof. The difference between the maximum value and measuring voltage makes it possible to control the voltage-controlled current sink in such a way that the sum of a compensation current supplied by the current sink and the load current which runs by the consumer is substantially constant.

IPC 8 full level

G05F 1/613 (2006.01); **H02M 3/156** (2006.01)

CPC (source: EP US)

G05F 1/613 (2013.01 - EP US)

Citation (search report)

See references of WO 2006079463A1

Designated contracting state (EPC)

DE FR IT

DOCDB simple family (publication)

US 2008191676 A1 20080814; US 7733071 B2 20100608; DE 102005003686 A1 20060803; DE 502006002576 D1 20090226; EP 1842120 A1 20071010; EP 1842120 B1 20090107; IL 184762 A0 20071203; IL 184762 A 20111031; WO 2006079463 A1 20060803

DOCDB simple family (application)

US 81455506 A 20060116; DE 102005003686 A 20050126; DE 502006002576 T 20060116; EP 06706245 A 20060116; EP 2006000334 W 20060116; IL 18476207 A 20070722