

Title (en)
SWITCHING CIRCUIT FOR PRODUCING AN ADJUSTABLE OUTPUT CHARACTERISTIC

Title (de)
SCHALTKREIS ZUM ERZEUGEN EINER EINSTELLBAREN AUSGANGSKENNLINIE

Title (fr)
CIRCUIT SERVANT A PRODUIRE UNE CARACTERISTIQUE DE SORTIE AJUSTABLE

Publication
EP 1417553 A1 20040512 (DE)

Application
EP 03714810 A 20030311

Priority
• DE 10212360 A 20020320
• EP 0302546 W 20030311

Abstract (en)
[origin: WO03079131A1] The invention relates to a switching circuit for producing an adjustable output characteristic, comprising a constant-voltage control-circuit which receives a supply voltage and produces a constant output voltage, a current sink section which receives a control voltage and according to said control voltage, produces a control current which causes an alteration of the output voltage; also comprising a limiter section which receives a lower and a higher voltage limit and which selectively blocks or releases the current sink section. The invention also relates to a corresponding method for producing an output characteristic.

IPC 1-7
G05F 1/613

IPC 8 full level
G05F 3/24 (2006.01); **G05F 1/613** (2006.01)

CPC (source: EP KR US)
G05F 1/613 (2013.01 - EP KR US)

Citation (search report)
See references of WO 03079131A1

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

DOCDB simple family (publication)
WO 03079131 A1 20030925; AU 2003219044 A1 20030929; CN 100399223 C 20080702; CN 1543597 A 20041103; DE 10212360 B3 20040304; DE 10212360 B9 20070531; DE 50307124 D1 20070606; EP 1417553 A1 20040512; EP 1417553 B1 20070425; JP 2005521128 A 20050714; JP 4263107 B2 20090513; KR 20040095193 A 20041112; NO 20035145 D0 20031119; US 2005083111 A1 20050421; US 2006132226 A2 20060622; US 7161410 B2 20070109

DOCDB simple family (application)
EP 0302546 W 20030311; AU 2003219044 A 20030311; CN 03800785 A 20030311; DE 10212360 A 20020320; DE 50307124 T 20030311; EP 03714810 A 20030311; JP 2003577067 A 20030311; KR 20047000713 A 20030311; NO 20035145 A 20031119; US 48455404 A 20040811