

Title (en)
A circuit and method for regulating voltage

Title (de)
Schaltung und Verfahren zur Spannungsregelung

Title (fr)
Circuit et méthode pour la régulation de tension

Publication
EP 0699986 A3 19960904 (EN)

Application
EP 95305670 A 19950815

Priority
US 29860894 A 19940831

Abstract (en)
[origin: EP0699986A2] A circuit and method for providing an efficient voltage regulator is disclosed. The voltage regulator uses a switching mode power supply, a linear regulator, and a feedback loop having an output connected to the feedback input of the switching mode power supply so that the switching mode power supply provides an output voltage responsive to the voltage drop across the voltage regulator. <MATH>

IPC 1-7
G05F 1/56

IPC 8 full level
G05F 1/56 (2006.01); **G05F 1/563** (2006.01); **H02M 3/00** (2006.01); **H03G 3/30** (2006.01)

CPC (source: EP)
G05F 1/563 (2013.01)

Citation (search report)
• [X] WO 9302407 A1 19930204 - HALCRO NOMINEES PTY LTD [AU]
• [X] US 4893228 A 19900109 - ORRICK HERBERT P [US], et al
• [X] US 4679130 A 19870707 - MOSCOVICI POLDI [US]
• [A] US 5216353 A 19930601 - MORI ISAO [JP]

Cited by
CN105676926A; EP3916128A1; EP3715997A3; DE102019107761A1; US11159087B2; US9323307B2; US6441591B2; WO2013101433A1; WO03021766A3; WO2008135519A1; US10185342B2; WO2018084938A1; US7642847B2; US6781452B2; US6924695B2; US7038536B2

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 0699986 A2 19960306; EP 0699986 A3 19960904; JP H08106333 A 19960423

DOCDB simple family (application)
EP 95305670 A 19950815; JP 22071895 A 19950829