

Title (en)
ELECTRICAL SWITCHING CIRCUIT.

Title (de)
ELEKTRISCHER SCHALTKREIS.

Title (fr)
CIRCUIT DE COMMUTATION ELECTRIQUE.

Publication
EP 0484360 B1 19950104 (DE)

Application
EP 90910728 A 19900704

Priority
• DE 3924804 A 19890727
• EP 9001067 W 19900704

Abstract (en)
[origin: US5245218A] A system for regulating the transfer impedance of a plurality of current-to-voltage converters to a substantially equal value includes a reference voltage source and a reference impedance for providing a reference current. A reference current-to-voltage converter is responsive to the reference current and provides an output voltage. A comparator is responsive to the reference voltage and the output voltage and provides a control signal to the reference current-to-voltage converter and to all the other current-to-voltage converters to maintain the transfer impedance of all the current-to-voltage converters constant.

IPC 1-7
G05F 1/59; **G05F 1/56**

IPC 8 full level
G05F 1/00 (2006.01); **G05F 1/56** (2006.01); **G05F 1/567** (2006.01); **G05F 1/59** (2006.01); **H03F 1/30** (2006.01); **H03F 3/34** (2006.01); **H03F 3/343** (2006.01)

CPC (source: EP KR US)
G05F 1/56 (2013.01 - KR); **G05F 1/567** (2013.01 - EP US); **G05F 1/59** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB IT LI LU NL SE

DOCDB simple family (publication)
US 5245218 A 19930914; AT E116750 T1 19950115; AU 6073890 A 19910311; CN 1043272 C 19990505; CN 1049065 A 19910206; DD 295441 A5 19911031; DE 3924804 A1 19910131; DE 59008203 D1 19950216; EP 0484360 A1 19920513; EP 0484360 B1 19950104; FI 920357 A0 19920127; HK 106397 A 19970822; HU 218058 B 20000528; HU 9200206 D0 19920428; HU T60046 A 19920728; JP 2871850 B2 19990317; JP H05501180 A 19930304; KR 0135629 B1 19980515; KR 920704210 A 19921219; MY 107257 A 19951031; TR 25653 A 19930701; WO 9102301 A1 19910221

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US 84091192 A 19920207; AT 90910728 T 19900704; AU 6073890 A 19900704; CN 90104774 A 19900721; DD 34306690 A 19900725; DE 3924804 A 19890727; DE 59008203 T 19900704; EP 9001067 W 19900704; EP 90910728 A 19900704; FI 920357 A 19920127; HK 106397 A 19970626; HU 20692 A 19900704; JP 51066190 A 19900704; KR 920700180 A 19920127; MY PI19901270 A 19900727; TR 72590 A 19900726