

Title (en)

Power supply circuit for a low-frequency amplifier.

Title (de)

Stromversorgungsschaltung für einen NF-Verstärker.

Title (fr)

Circuit d'alimentation d'énergie pour un amplificateur à basse fréquence.

Publication

EP 0462483 B1 19950809 (DE)

Application

EP 91109455 A 19910610

Priority

DE 4019637 A 19900620

Abstract (en)

[origin: EP0462483A2] In a power supply circuit for a low-frequency amplifier in a broadcast receiving set with a power section with a transformer having at least one secondary winding, a rectifier connected thereto and a charging and/or smoothing capacitor, from which the rectified operating voltage for the low frequency amplifier can be picked up, two secondary windings having the same winding sense and two rectifiers connected thereto and charging and/or smoothing capacitors are provided, the first secondary winding with the subsequent rectifier circuit supplying a first operating voltage and the second secondary winding with the second rectifier circuit supplying a second operating voltage which is superimposed on the first one as high voltage, for the low-frequency amplifier. A switch current-dependently switches either the high voltage or the first operating voltage to the low-frequency amplifier. <IMAGE>

IPC 1-7

G05F 1/62; G05F 1/46; H03F 1/52

IPC 8 full level

G05F 1/46 (2006.01); **G05F 1/62** (2006.01); **H03F 1/52** (2006.01)

CPC (source: EP)

G05F 1/468 (2013.01); **G05F 1/62** (2013.01)

Cited by

EP0590483A3; EP0582263A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI NL SE

DOCDB simple family (publication)

EP 0462483 A2 19911227; **EP 0462483 A3 19920930**; **EP 0462483 B1 19950809**; AT E126371 T1 19950815; DE 4019637 C1 19910808; DE 59106194 D1 19950914; ES 2077718 T3 19951201

DOCDB simple family (application)

EP 91109455 A 19910610; AT 91109455 T 19910610; DE 4019637 A 19900620; DE 59106194 T 19910610; ES 91109455 T 19910610