Title (en)

Unbalanced/balanced converter circuits.

Title (de)

Schaltung zum Übergang von Unsymmetrie auf Symmetrie.

Title (fr)

Circuit de conversion dissymétrique-symétrique.

Publication

EP 0000990 A1 19790307 (EN)

Application

EP 78300250 A 19780815

Priority

GB 3451077 A 19770817

Abstract (en)

Unbalanced/balanced converter circuit in which a first circuit (T1, T2) of controllable impedance is connected between a first supply terminal (earth) and a first balanced terminal (A-leg), a second circuit (T3, T4) of controllable impedance is connected between a second supply terminal (-48V d.c.) and a second belanced terminal (B-leg), and a control circuit (R, R2, A1) is connected to monitor any departure from balance of the potentials of the first and second balanced input/output terminals and to simultaneously change the impedances of the first and second circuits (T1, T2 and T3, T4 resp.) of controllable impedance in opposite directions to restore the potentials to balance. A first unbalanced terminal (X) is connected (via C6) to one balanced terminal (A-leg) and a second unbalanced terminal is connected to a common point (earth). <??>A principal use of the invention is balance/unbalanced conversion of a subscriber's telephone line.

IPC 1-7

H03H 7/42

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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DE FR NL SE

DOCDB simple family (publication)

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