

Title (en)

METHOD AND DEVICE FOR SIGNAL AMPLITUDE MODULATION

Title (de)

VERFAHREN UND EINRICHTUNG ZUR AMPLITUDEMODULATION

Title (fr)

PROCEDE ET DISPOSITIF DE MODULATION EN AMPLITUDE D'UN SIGNAL

Publication

**EP 0705498 A1 19960410 (FR)**

Application

**EP 93913192 A 19930625**

Priority

- FR 9300639 W 19930625
- FR 9106930 A 19910607

Abstract (en)

[origin: FR2690794A1] The amplitude modulation procedure involves decomposing the modulation signal using two signals (V1,V2) having equal amplitude and opposite phase. The two signals are phase modulated by the modulation signal, and are added to produce a resultant signal (VS), modulated in amplitude. The modulation circuit includes an adder (5) coupled to two amplifiers (3,4), and outputting a signal to a filter (6). A control circuit has two digital oscillators which are connected to the adder inputs via the amplifiers. USE - Solid state power transmitters using MOSFET technology. Flexible control of output power. Improved precision of signal amplitude. Has reduced power output mode.

IPC 1-7

**H03C 1/50**

IPC 8 full level

**H03C 1/00** (2006.01); **H03C 1/50** (2006.01); **H03F 1/02** (2006.01)

CPC (source: EP US)

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Citation (search report)

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