

SECTION H — ELECTRICITY

H03 ELECTRONIC CIRCUITRY

H03G CONTROL OF AMPLIFICATION

Note(s) [3]

1. This subclass covers:
 - control of gain of amplifiers or frequency-changers;
 - control of frequency range of amplifiers;
 - limiting amplitude or rate of change of amplitude.
2. Attention is drawn to the Note following the title of subclass H03F.

Subclass index

GAIN CONTROL.....3/00
 TONE CONTROL.....5/00
 COMPRESSORS OR EXPANDERS; LIMITERS.....7/00, 11/00
 COMBINATION OF TWO OR MORE TYPES OF CONTROL.....9/00
 DETAILS.....1/00
 SUBJECT MATTER NOT PROVIDED FOR IN OTHER GROUPS OF THIS SUBCLASS.....99/00

<p>1/00 Details of arrangements for controlling amplification [1, 2006.01]</p> <p>1/02 • Remote control of amplification, tone or bandwidth (combined with remote tuning or selection of resonant circuits H03J) [1, 2006.01]</p> <p>1/04 • Modifications of control circuit to reduce distortion caused by control (modifications to reduce influence of variations of internal impedance of amplifying elements caused by control H03F 1/08) [1, 2006.01]</p> <p>3/00 Gain control in amplifiers or frequency changers [1, 2006.01]</p> <p>3/02 • Manually-operated control [1, 2006.01]</p> <p>3/04 • • in untuned amplifiers [1, 2006.01]</p> <p>3/06 • • • having discharge tubes [1, 2006.01]</p> <p>3/08 • • • • incorporating negative feedback [1, 2006.01]</p> <p>3/10 • • • • having semiconductor devices [1, 2006.01]</p> <p>3/12 • • • • incorporating negative feedback [1, 2006.01]</p> <p>3/14 • • • in frequency-selective amplifiers [1, 2006.01]</p> <p>3/16 • • • • having discharge tubes [1, 2006.01]</p> <p>3/18 • • • • having semiconductor devices [1, 2006.01]</p> <p>3/20 • Automatic control (combined with volume compression or expansion H03G 7/00) [1, 2006.01]</p> <p>3/22 • • in amplifiers having discharge tubes [1, 2006.01]</p> <p>3/24 • • • Control dependent upon ambient noise level or sound level [1, 2006.01]</p> <p>3/26 • • • Muting amplifier when no signal is present [1, 2006.01]</p> <p>3/28 • • • • in frequency-modulation receivers [1, 2006.01]</p> <p>3/30 • • • in amplifiers having semiconductor devices [1, 2006.01]</p> <p>3/32 • • • • the control being dependent upon ambient noise level or sound level [1, 2006.01]</p>	<p>3/34 • • • Muting amplifier when no signal is present [1, 2006.01]</p> <p>5/00 Tone control or bandwidth control in amplifiers [1, 2006.01]</p> <p>5/02 • Manually-operated control [1, 2006.01]</p> <p>5/04 • • in untuned amplifiers [1, 2006.01]</p> <p>5/06 • • • having discharge tubes [1, 2006.01]</p> <p>5/08 • • • • incorporating negative feedback [1, 2006.01]</p> <p>5/10 • • • • having semiconductor devices [1, 2006.01]</p> <p>5/12 • • • • incorporating negative feedback [1, 2006.01]</p> <p>5/14 • • • in frequency-selective amplifiers [1, 2006.01]</p> <p>5/16 • Automatic control [1, 2006.01]</p> <p>5/18 • • in untuned amplifiers [1, 2006.01]</p> <p>5/20 • • • having discharge tubes [1, 2006.01]</p> <p>5/22 • • • • having semiconductor devices [1, 2006.01]</p> <p>5/24 • • • in frequency-selective amplifiers [1, 2006.01]</p> <p>5/26 • • • • having discharge tubes [1, 2006.01]</p> <p>5/28 • • • • having semiconductor devices [1, 2006.01]</p> <p>7/00 Volume compression or expansion in amplifiers [1, 2006.01]</p> <p>7/02 • having discharge tubes [1, 2006.01]</p> <p>7/04 • • incorporating negative feedback [1, 2006.01]</p> <p>7/06 • having semiconductor devices [1, 2006.01]</p> <p>7/08 • • incorporating negative feedback [1, 2006.01]</p> <p>9/00 Combinations of two or more types of control, e.g. gain control and tone control [1, 2006.01]</p> <p>9/02 • in untuned amplifiers [1, 2006.01]</p> <p>9/04 • • having discharge tubes [1, 2006.01]</p> <p>9/06 • • • for gain control and tone control [1, 2006.01]</p> <p>9/08 • • • • incorporating negative feedback [1, 2006.01]</p>
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- 9/10 • • • for tone control and volume expansion or compression [1, 2006.01]
- 9/12 • • having semiconductor devices [1, 2006.01]
- 9/14 • • • for gain control and tone control [1, 2006.01]
- 9/16 • • • • incorporating negative feedback [1, 2006.01]
- 9/18 • • • for tone control and volume expansion or compression [1, 2006.01]
- 9/20 • in frequency-selective amplifiers [1, 2006.01]
- 9/22 • • having discharge tubes [1, 2006.01]
- 9/24 • • having semiconductor devices [1, 2006.01]
- 9/26 • in untuned amplifying stages as well as in frequency-selective amplifying stages [1, 2006.01]
- 9/28 • • all amplifying stages having discharge tubes [1, 2006.01]
- 9/30 • • all amplifying stages having semiconductor devices [1, 2006.01]
- 11/00 Limiting amplitude; Limiting rate of change of amplitude [1, 2006.01]**
- 11/02 • by means of diodes (H03G 11/04, H03G 11/06, H03G 11/08 take precedence) [1, 2006.01]
- 11/04 • Limiting level dependent on strength of signal; Limiting level dependent on strength of carrier on which signal is modulated [1, 2006.01]
- 11/06 • Limiters of angle-modulated signals; such limiters combined with discriminators (discriminators having an inherent limiting action H03D 3/00) [1, 2006.01]
- 11/08 • Limiting rate of change of amplitude [1, 2006.01]
- 99/00 Subject matter not provided for in other groups of this subclass [2006.01]**