

Title (en)
SWITCHABLE ATTENUATION DEVICE.

Title (de)
SCHALTBARE DÄMPFUNGSVORRICHTUNG.

Title (fr)
ATTENUATEUR COMMUTABLE.

Publication
EP 0667065 A1 19950816 (DE)

Application
EP 93921819 A 19931012

Priority
• DE 9300970 W 19931012
• DE 4236408 A 19921028

Abstract (en)
[origin: DE4236408A1] Described is a switchable attenuation device (ES1, ES2) for the selective attenuation of digital signals, having a final control element (MULT) for analyzing the signal values using an attenuation factor (At) that determines the momentary attenuation value, and having a control means (CM) for controlling step-by-step the change in attenuation value within a predetermined turn-on or turn-off time, the control means (CM) having at least one digital filter (DF) which controls the attenuation value change (A1') by filtering a turn-on or turn-off pulse (X). Described also is the use of such attenuation devices as echo attenuating devices in cordless telephones and telephones with handsfree conversing equipment.

IPC 1-7
H04B 3/20

IPC 8 full level
H04M 1/60 (2006.01); **H04B 3/20** (2006.01)

CPC (source: EP)
H04B 3/20 (2013.01)

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Cited by
US6706281B2

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

DOCDB simple family (publication)
DE 4236408 A1 19940505; AU 5107193 A 19940524; CA 2147973 A1 19940511; CN 1086358 A 19940504; EP 0667065 A1 19950816; FI 952006 A0 19950427; FI 952006 A 19950427; JP H07508628 A 19950921; WO 9410759 A1 19940511

DOCDB simple family (application)
DE 4236408 A 19921028; AU 5107193 A 19931012; CA 2147973 A 19931012; CN 93119691 A 19931028; DE 9300970 W 19931012; EP 93921819 A 19931012; FI 952006 A 19950427; JP 51053794 A 19931012