

Title (en)

INTEGRATED CIRCUIT FOR DECODING TRAFFIC RADIO ANNOUNCEMENT IDENTIFICATION SIGNALS

Publication

EP 0162943 B1 19871119 (DE)

Application

EP 84106270 A 19840601

Priority

EP 84106270 A 19840601

Abstract (en)

[origin: US4633517A] An essentially digital circuit is disclosed in which a demodulated broadcast signal is digitized by an analog-to-digital converter and processed in three signal paths each including a tuned filter. The tuned filters have closely adjacent resonance frequencies, the same resonance curves, and the same resonance rises. The signals at the outputs of these three signal paths are so evaluated by means of four comparators and an RS flip-flop that the message tone signal appears at the Q output of the flip-flop only in the presence of the message tone frequency.

IPC 1-7

G08G 1/09

IPC 8 full level

H04B 1/16 (2006.01); **G08G 1/09** (2006.01); **H04H 20/00** (2008.01); **H04L 27/00** (2006.01)

CPC (source: EP US)

G08G 1/094 (2013.01 - EP US)

Designated contracting state (EPC)

DE FR NL

DOCDB simple family (publication)

EP 0162943 A1 19851204; **EP 0162943 B1 19871119**; DE 3467648 D1 19871223; JP H0423966 B2 19920423; JP S60264128 A 19851227; US 4633517 A 19861230

DOCDB simple family (application)

EP 84106270 A 19840601; DE 3467648 T 19840601; JP 11552085 A 19850530; US 73663385 A 19850521