Title (en)

TELEPHONE CALLBACK DETECTOR

Title (de)

DETEKTOR EINES AUTOMATISCHEN TEILNEHMERRÜCKRUFS

Title (fr)

DETECTEUR DE RAPPEL TELEPHONIQUE AUTOMATIQUE

Publication

EP 0953249 A1 19991103 (EN)

Application

EP 98960308 A 19981118

Priority

- US 9824769 W 19981118
- US 6567497 P 19971118

Abstract (en)

[origin: WO9934578A1] A callback system detector (300) is connected between a toll trunk (200) and a local switched telephone network (100) for detecting and discouraging operation of a toll callback system wherein incoming calls on the toll trunk line are employed as a gateway for a user of the switched telephone network (100) to place calls within a remote telephone network and thus avoid tariffs charged by the local network (100) for outgoing calls to the remote network. The callback system detector is configured to determine the presence, within an incoming call on the toll trunk (200), of a condition indicative of operation of such a callback system. Such a condition may be defined as incoming dial or ringing tones on the toll trunk, or as outgoing dual-tone multi-frequency (DTMF) tones on the toll trunk. In order to allow such tones to be transmitted in the normal course of a call that may legitimately employ such tones, operation of the callback detector may advantageously be limited to a predetermined time period defining an initial call interval. The callback detector (300) may be configured to disrupt communication within the call upon detection of the condition, or further may be configured to cause disconnection of the call or assessment of a billing charge to the local recipient of the call.

IPC 1-7

H04M 1/56; H04M 3/42; H04M 3/00; H04M 7/00

IPC 8 full level

H04M 3/38 (2006.01); **H04M 3/42** (2006.01); **H04M 3/46** (2006.01); **H04M 15/00** (2006.01)

CPC (source: EP)

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Citation (search report)

See references of WO 9934578A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

WO 9934578 A1 19990708; AU 1593899 A 19990719; CA 2278794 A1 19990708; EP 0953249 A1 19991103; JP 2001510005 A 20010724; MX PA99006871 A 20050428

DOCDB simple family (application)

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