

Title (en)
CHARGE RECORDING IN A TELEPHONE NETWORK

Title (de)
GEBÜHRENERFASSUNG IN EINEM TELEFONNETZ

Title (fr)
ENREGISTREMENT DE LA TAXATION DANS UN RESEAU TELEPHONIQUE

Publication
EP 0721723 A1 19960717 (DE)

Application
EP 95943997 A 19950712

Priority
• DE 4426689 A 19940728
• EP 9502733 W 19950712

Abstract (en)
[origin: DE4426689A1] The invention concerns a method of transmitting charge data to the subscriber connectors and for emitting charge pulses to the subscriber connector a/b interface in a local switching and transmission system which is arranged as a local radio cell, consisting of a central stationary radio station and a plurality of decentralized subscriber connectors, and, as a local or private branch exchange, is connected to the public telecommunication system. According to the invention, the base station of each radio cell stores a distance zone table which is adapted to the location and which contains the clock pulse data for calculating the charges, for the local area and all telecommunication connections outside the local area. During an outgoing communication from a radio subscriber, the call number selected by this subscriber is compared automatically with the distance zone table and the appropriate clock pulse data is removed and transmitted to the subscriber connector which generates standard charge pulses according to the clock pulse transmitted and emits them to the a/b interface. The standard charge pulse of 12 kHz or 16 kHz cannot be transmitted via radio channels whose transmission band-width is restricted to the speech band from 300 Hz to 3400 Hz. As a result of the solution applied, the charge pulse does not have to be transmitted, as in as other, conventional processes, as a substitute signal embedded in the speech band, which, according to experience, would disturb the transmission of modem and fax machine signals.

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IPC 8 full level
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