Title (en)
COMMUNICATION SYSTEM AND CALL ESTABLISHMENT METHODS

Title (de)
KOMMUNIKATIONSSYSTEM UND ANRUFERSTELLUNGSVERFAHREN

Title (fr)
SYSTEME DE COMMUNICATION ET PROCEDES D'ETABLISSEMENT DES APPELS

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Application
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Abstract (en)
[origin: WO9700588A1] The invention relates to a communication system and call establishment methods. A communication system comprising a cellular mobile communication network, which includes a mobile services switching center (MSC), a base station controller (XBSC) and base stations (BTS), as well as a private branch exchange system (PABX) having at least one base station (PABX_BTS). In the invention, the base station controller of the mobile communication network is provided with an interface to which the extension side of the PABX is coupled. The interface between the base station controller and the PABX is a standard PABX signalling interface towards the extensions. The trunk line side of the PABX is connected e.g. to a PSTN local exchange. The base station (PABX_BTS) under control of the base station controller is placed in that space or building which is the desired location for an office cell of the wireless PABX. Between the base station controller and the base stations there exists a standard signalling interface of the mobile communication network, and the base station of the office cell (10) has a standard interface of the mobile communication network. This concept makes it possible to provide a radio interface of the mobile communication system for a standard PABX of the fixed network.

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