

Title (en)
TELEPHONE SYSTEM

Title (de)
FERNSPRECHSYSTEM

Title (fr)
RESEAU TELEPHONIQUE

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Application
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Abstract (en)
[origin: WO9745994A1] The telephone system of the invention comprises telephones and a bus interconnecting the telephones. The bus carries baseband signalling of a radio system and comprises a plurality of channels. At least one telephone may be connected to a PSTN or ISDN network, whereby it converts channels which are received from the bus and which are in compliance with the baseband signalling of the radio system into a format suitable for the subscriber line employed and vice versa. A telephone comprises at least two basic parts: an actual telephone part, preferably an ISDN telephone, and a baseband part of a radio system, preferably the DECT system. The telephone may also comprise a radio part, if the baseband bus is partly or entirely replaced with a radio path, or if the telephone serves as a base station for a hand-held mobile telephone. Any telephone can independently allocate desired channels of the bus to itself, establish and maintain a connection, and finally release the channels.

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