Title (en)

REMOTE VOCODING OVER A LONG DISTANCE LINK

Title (de)

FERN-SPRACHKODIERUNG ÜBER EINE FERNDIENSTTELEFONLEITUNG

Title (fr)

CODAGE DE LA VOIX A DISTANCE SUR LIAISON INTERURBAINE

Publication

EP 0832540 A1 19980401 (EN)

Application

EP 96921423 A 19960607

Priority

- US 9609683 W 19960607
- US 48876995 A 19950608

Abstract (en)

[origin: WO9642176A1] A wireless telephone system (106) having digital signal processing capability determines if a telephone call is directed to a public switched telephone network (100) (PSTN) located within a local calling area having another wireless telephone system. If so, an asynchronous transfer mode (ATM) or other packet based link (104) is established between the two wireless telephone systems, and vocoded audio information is transmitted over that ATM link. Upon reaching the second wireless telephone system the vocoded audio information is converted by the second wireless telephone system (106) into pulse code modulation (PCM) encoded audio information, and introduced into the PSTN (100). On the reverse path, PCM formatted data from the receiving PSTN (100) is converted into vocoded audio information by the second wireless telephone system (106), and then transmitted to the first wireless telephone system (106) via the ATM or other packet based link (104).

IPC 1-7

H04Q 7/24

IPC 8 full level

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CPC (source: EP)

H04W 88/181 (2013.01); H04W 88/16 (2013.01)

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WO 9642176 A1 19961227; AR 002394 A1 19980311; AU 6265196 A 19970109; AU 715374 B2 20000203; BR 9609481 A 19990525; CN 1203005 A 19981223; EP 0832540 A1 19980401; IL 118564 A0 19961016; IL 118564 A 19990922; JP 3083852 B2 20000904; JP H11507793 A 19990706; KR 19990022738 A 19990325; RU 2147771 C1 20000420; TW 439379 B 20010607; ZA 964331 B 19961217

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