Title (en)
CONCURRENT IP BASED VOICE AND DATA SERVICES VIA WIRELESS NETWORKS

Title (de)
GLEICHZEITIGE IP BASIERTE NUTZUNG VON SPRACH- UND DATENDIENSTEN IN EINEM DRAHTLOSEN NETZWERK

Title (fr)
SERVICES VOCAUX ET DE DONNEES BASES SUR PROTOCOLE INTERNET VIA DES RESEAUX SANS FIL

Publication
EP 1142365 A1 20011010 (EN)

Application
EP 99962354 A 19991217

Priority
• GB 9904304 W 19991217
• GB 9900059 A 19990105

Abstract (en)
[origin: WO0041416A1] A problem in the mobile communications field is that enhanced voice services such as envisaged by the WAP Forum for mobile users of wireless networks would require use of two bearer services to deliver said services. This is inefficient and potentially more costly to the user and network operator. The problem is solved by use of a voice over IP technology and with digitising and packetizing of voice data and control data and transmission of the discrete packets over a single circuit-switched connection using IP based data communication to provide both the IP Voice connection and associated control for enhanced voice services.

IPC 1-7
H04Q 7/22; H04L 12/56

IPC 8 full level
G06F 15/02 (2006.01); H04L 29/06 (2006.01); G10L 19/00 (2013.01); H04M 3/533 (2006.01); H04M 7/00 (2006.01); H04W 80/10 (2009.01); H04W 80/12 (2009.01); H04W 84/12 (2009.01); H04W 88/14 (2009.01); H04M 3/53 (2006.01); H04M 7/12 (2006.01)

CPC (source: EP KR)
H04L 65/1069 (2013.01 - EP KR); H04L 65/70 (2022.05 - KR); H04M 3/5322 (2013.01 - KR); H04M 3/533 (2013.01 - EP KR); H04M 7/006 (2013.01 - EP KR); H04M 7/12 (2013.01 - KR); H04M 3/5322 (2013.01 - EP); H04M 7/12 (2013.01 - EP); H04M 2207/18 (2013.01 - EP KR); H04M 2207/20 (2013.01 - EP KR)

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 0041416 A1 20000713; AU 1872600 A 20000724; CA 2358413 A1 20000713; CN 1124062 C 20031008; CN 1338185 A 20020227; CZ 20012440 A3 20031217; EP 1142365 A1 20011010; GB 2345613 A 20000712; GB 9900059 D0 19990224; HU P0105440 A2 20020729; IL 143588 A0 20020421; JP 2000236353 A 20000829; KR 100415023 B1 20040113; KR 20010101394 A 20011114; TW 453079 B 20010901

DOCDB simple family (application)
GB 9904304 W 19991217; AU 1872600 A 19991217; CA 2358413 A 19991217; CN 99815385 A 19991217; CZ 20012440 A 19991217; EP 99962354 A 19991217; GB 9900059 A 19990105; HU P0105440 A 19991217; IL 14358899 A 19991217; JP 34078299 A 19991130; KR 20017008559 A 20010705; TW 88116752 A 19990929