Title (en)
DIGITAL CELLULAR PHONE WITH VOICE RECOGNITION FUNCTION AND METHOD FOR CONTROLLING THE SAME

Title (de)
DIGITALES MOBILES TELEFON MIT SPRACHERKENNUNGSFUNKTION UND VERFAHREN ZU DESSENKONTROLLE

Title (fr)
TELEPHONE CELLULAIRE NUMERIQUE A FONCTION DE RECONNAISSANCE VOCALE ET PROCEDE DE COMMANDE ASSOCIE

Publication
EP 0993673 A1 20000419 (EN)

Application
EP 98932605 A 19980704

Priority
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Abstract (en)
[origin: WO9901865A1] A digital cellular phone with a voice recognition function recognizes a voice signal using components included therein. A vocoder compresses a voice signal input from a microphone to output packet data. A nonvolatile memory stores the packet data and feature data corresponding thereto. A voice recognition device extracts the feature data from the packet data output from the vocoder, and compares the feature data with feature data registered in the nonvolatile memory to detect the registered feature data similar to the input feature data and a difference value therebetween to determine whether an input voice signal is recognized successfully depending on the difference value.

IPC 1-7
G10L 9/00; G10L 5/02; H04B 7/26; H04M 3/42; H04M 1/64

IPC 8 full level
G10L 13/00 (2006.01); **G10L 15/08** (2006.01); **H04B 1/38** (2006.01); **H04B 1/64** (2006.01); **H04B 7/26** (2006.01); **H04M 1/00** (2006.01); **H04M 1/247** (2006.01); **H04M 1/27** (2006.01)

CPC (source: EP KR)
H04B 1/40 (2013.01 - KR); **H04B 1/64** (2013.01 - KR); **H04M 1/271** (2013.01 - EP); **H04M 1/6075** (2013.01 - EP); H04M 2250/74 (2013.01 - EP)

Citation (search report)
See references of WO 9901865A1

Designated contracting state (EPC)
CH DE FR GB IT LI NL SE

DOCDB simple family (publication)
WO 9901865 A1 19990114; AU 733849 B2 20010531; AU 8244698 A 19990125; BR 9810670 A 20000926; CA 2295727 A1 19990114; CN 1175397 C 20041110; CN 1272198 A 20001101; EP 0993673 A1 20000419; IL 133842 A0 20010430; IL 133842 A 20040725; JP 2002507292 A 20020305; KR 100264852 B1 20000901; KR 19990008840 A 19990205; PE 102499 A1 19991229; RU 2199822 C2 20030227

DOCDB simple family (application)
KR 9800195 W 19980704; AU 8244698 A 19980704; BR 9810670 A 19980704; CA 2295727 A 19980704; CN 98806844 A 19980704; EP 98932605 A 19980704; IL 13384298 A 19980704; JP 50693599 A 19980704; KR 19970030979 A 19970704; PE 00059698 A 19980703; RU 99128050 A 19980704