

Title (en)
SPEECH RECOGNITION METHOD, AND COMMUNICATION DEVICE

Title (de)
VERFAHREN ZUR SPRACHERKENNUNG UND KOMMUNIKATIONSGER T

Title (fr)
PROCEDE DE RECONNAISSANCE VOCALE ET APPAREIL DE COMMUNICATION

Publication
EP 1649450 A1 20060426 (DE)

Application
EP 04741506 A 20040504

Priority
• EP 2004050687 W 20040504
• DE 10334400 A 20030728

Abstract (en)
[origin: WO2005013261A1] Disclosed is a method for speaker-dependent speech recognition, comprising the following steps: a speech signal (SS) encompassing a voice command is detected; the speech signal (SS) is divided (F) into time frames; the speech signal is characterized in each detected time frame by forming a corresponding property vector (F_IS); a property vector sequence is formed from one or several property vectors (F_IS); the property vector sequence is stored; the property vector sequence is allocated to a sequence of model vectors in a speech resource (HMM-L) comprising a plurality of model vectors; a piece of allocation information indicating allocation of the property vector sequence to a sequence of model vectors is stored; and the voice command allocated to the model vector sequence is identified.

IPC 1-7
G10L 15/06

IPC 8 full level
G10L 15/06 (2013.01); **G10L 15/14** (2006.01); **G10L 15/22** (2006.01)

CPC (source: EP US)
G10L 15/063 (2013.01 - EP US); **G10L 15/142** (2013.01 - EP US); **G10L 2015/223** (2013.01 - EP)

Citation (search report)
See references of WO 2005013261A1

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