

Title (en)
METHOD FOR NATURAL VOICE RECOGNITION BASED ON A GENERATIVE TRANSFORMATION/PHRASE STRUCTURE GRAMMAR

Title (de)
VERFAHREN ZUR NATURLICHEN SPRACHERKENNUNG AUF BASIS EINER GENERATIVEN TRANSFORMATIONEN-/PHRASENSTRUKTUR-GRAMMATIK

Title (fr)
PROCEDE DE RECONNAISSANCE VOCALE NATURELLE FONDEE SUR UNE GRAMMAIRE SYNTAGMATIQUE/GENERATIVE TRANSFORMATIONNELLE

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Application
EP 03761435 A 20030626

Priority

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Abstract (en)
[origin: WO2004003888A1] The invention relates to a method for natural voice recognition based on a generative transformation/phrase structure grammar known as GT /PS grammar. According to the invention, a spoken phrase is analyzed for triphones contained therein, words contained in the spoken phrase are formed from the recognized triphones with the aid dictionaries and the spoken phrase is syntactically reconstructed from the recognized words using a grammar. The GT /PS grammar is a novel method enabling target sentences to be placed in said grammar. It uses traditional Grammar Specification Language (GSL), structures said sentences however in an innovative manner. It is oriented towards the rules of phrase structure grammar and Noam Chomsky's concept of generative transformation grammar.

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G10L 15/18

IPC 8 full level
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G10L 15/19 (2013.01 - EP US); **G10L 15/1815** (2013.01 - EP US); **Y10S 707/99933** (2013.01 - US); **Y10S 707/99934** (2013.01 - US)

Citation (search report)
See references of WO 2004003888A1

Citation (examination)

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