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(54) **Method and apparatus for manipulating duration of a physical audio signal, and a storage medium containing a representation of such physical audio signal.**

(57) A method is described for manipulating an audio equivalent signal through positioning of mutually overlapping time windows. These are displaced with respect to each other over an actual pitch period length, and multiplied by a window function. Systematic repeating, suppressing, and maintaining of segment signals will accommodate the signal to an intended overall length.

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EUROPEAN SEARCH REPORT

Application Number

EP 92 20 2374

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
X	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA vol. 63, no. 2, February 1978, NEW YORK US pages 624 - 625 NEUBURG 'Simple pitch dependent algorithm for high quality speech rate changing'	1,6,8	G10L3/02
Y	* the whole document *	2,4,5,7	
Y	WO-A-8 303 483 (BLOOM, MARSHALL) * page 5, line 33 - page 7, line 11 * * page 64, line 1 - line 26 * * claims 1,5,6,10-12 *	2,3,4,5,7	
Y	US-A-4 596 032 (SAKURAI) * column 3, line 29 - line 51; claim 1 *	2	
Y	EP-A-0 372 155 (KARAMON) * column 1, line 1 - line 43 *	3	
D,A	WO-A-9 003 027 (ETAT FRANCAIS) * claims 1-5 * & EP-A-0 363 233	1,6,7,8	TECHNICAL FIELDS SEARCHED (Int. Cl.5) G10L G03B G11B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 09 MARCH 1993	Examiner FARASSOPOULOS A.
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			