

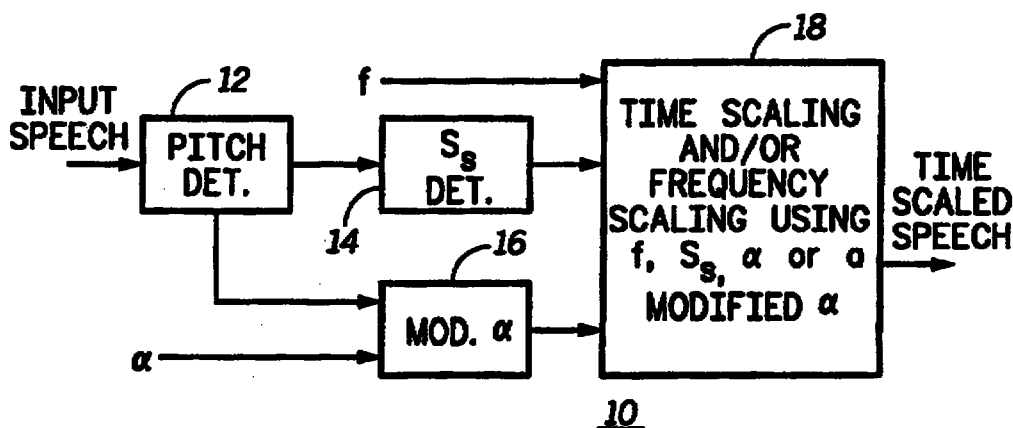
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(71) Applicant: MOTOROLA INC. [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).			
(72) Inventors: SATYAMURTI, Sunil; 1935-D Linton Lake Drive, Delray Beach, FL 33445 (US). LEITCH, Clifford, Dana; 673 N.W. 11th Way, Coral Springs, FL 33071 (US). SCHWENDEMAN, Robert, John; 590 S.E. 10th Avenue, Pompano Beach, FL 33060 (US). SIWIAK, Kazimierz; 10988 N.W. 14th Street, Coral Springs, FL 33071 (US). KUZNICKI, William, Joseph; 3681 N.W. 10th Avenue, Coral Springs, FL 33065 (US).			
(74) Agents: NICHOLS, Daniel, K. et al.; Motorola Inc., Intellectual Property Dept./PPM, 1500 Gateway Boulevard - MS96, Boynton Beach, FL 33426-8292 (US).			

(54) Title: A COMMUNICATION SYSTEM AND METHOD USING A SPEAKER DEPENDENT TIME-SCALING TECHNIQUE



(57) Abstract

A method for time-scale modification of speech using a modified version of the Waveform Similarity based Overlap-Add technique (WSOLA) comprises the steps of storing a portion of an input speech signal in a memory, analysing the portion of the input speech signal providing an estimated pitch value (12), determining a segment size (14) in response to the estimated pitch value and time-scaling (18) the input speech signal for a given time-scaling factor and in response to the determined segment size.