ABSTRACT

SPEECH RECOGNITION

A recognition system comprising: input means for receiving a speech signal; recognition processing means for processing the speech signal to indicate its similarity to predetermined patterns to be recognised, said recognition processing means being arranged repeatedly to partition the speech signal into a pattern-containing portion and, preceding and following said pattern-containing portions, noise or silence portions, and to identify a pattern corresponding to said pattern containing portion; and output means for supplying a recognition signal indicating recognition of one of said patterns, characterised by pause detection means for detecting the noise or silence portion which follows the pattern-containing portion, and means, responsive to the detection thereof, arranged to supply a signal identifying the pattern currently corresponding to the pattern portion to the output means. Also provided are similarly operating rejection means.

(Figure 2)