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Kermani

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- (54) **FUZZY LOGIC SYSTEM WITH EVOLUTIONARY VARIABLES RULES**
- (75) Inventor: **Bahram Ghaffarzadeh Kermani**,
Whitehall, PA (US)
- (73) Assignee: **Agere Systems Inc.**, Allentown, PA
(US)
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G06N 7/06
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- (58) **Field of Search** 706/52, 13, 3

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(List continued on next page.)

Primary Examiner—Anthony Knight
Assistant Examiner—Joseph P. Hirl

(57) **ABSTRACT**

The fuzzy logic system of the present invention creates fuzzy rules in real-time and updates the fuzzy rules dynamically. This is accomplished by continually optimizing the features, qualifiers, cases, and operators of the fuzzy rules. The fuzzy logic system may be utilized in applications requiring constantly-updated fuzzy rules and also in applications where fuzzy rules are difficult to pre-define due to a large quantity of input data, such as, for example, stock market forecasting.

20 Claims, 4 Drawing Sheets

