

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
20 September 2001 (20.09.2001)

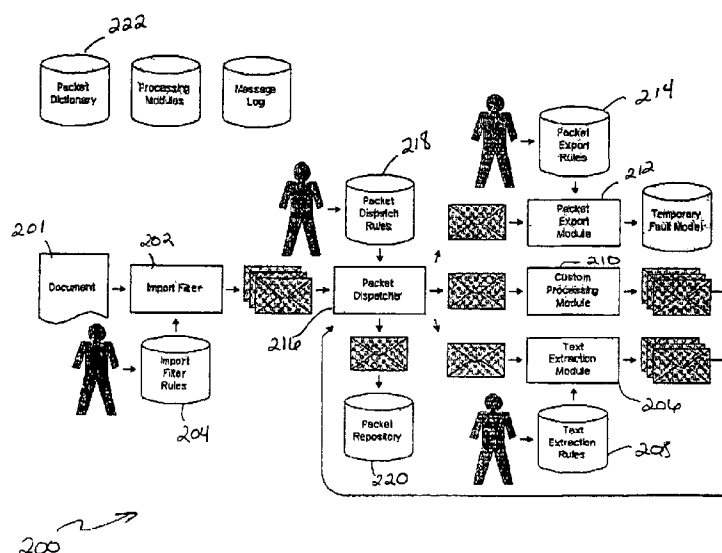
PCT

(10) International Publication Number  
**WO 01/069527 A3**

- (51) International Patent Classification<sup>7</sup>: **G06N 5/02**
- (21) International Application Number: PCT/US01/07652
- (22) International Filing Date: 9 March 2001 (09.03.2001)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
09/522,483 10 March 2000 (10.03.2000) US
- (71) Applicant: **HONEYWELL INTERNATIONAL INC.**  
[US/US]; 101 Columbia Avenue, P.O. Box 2245, Morris-  
town, NJ 07960 (US).
- (74) Agents: **CRISS, Roger, H.** et al.; Honeywell International  
Inc., 101 Columbia Avenue, P.O. Box 2245, Morristown,  
NJ 07960 (US).
- (81) Designated States (*national*): AE, AL, AM, AT, AU, AZ,  
BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK,  
DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL,  
IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU,  
LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT,  
RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA,  
UG, UZ, VN, YU, ZA, ZW.
- (84) Designated States (*regional*): ARIPO patent (GH, GM,  
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian  
patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European  
patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE,  
IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF,  
CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).
- (72) Inventors: **KRAMER, Kevin, M.**; 3269 129th Lane,  
Coon Rapids, MN 55448 (US). **VOGES, Harold, C.**; 5840  
Daniel Court, Shoreview, MN 55126 (US). **GAETJENS,**  
**Steven, C.**; 4009 Foxglove Avenue N., Brooklyn Park,  
MN 55443 (US).
- Published:  
— with international search report
- (88) Date of publication of the international search report:  
27 March 2003

[Continued on next page]

(54) Title: TRAINABLE, EXTENSIBLE, AUTOMATED DATA-TO-KNOWLEDGE TRANSLATOR



(57) Abstract: A trainable, extensible, automated data-to-knowledge translator is described. One aspect of the present invention includes a computerized system having at least one repository to store user-specified rules that govern the processing of data by the computerized system and at least one processing module to process data according to the rules and to generate knowledge from the data. Another aspect of the present invention is a computerized method of translating data to knowledge. The computerized method includes providing user-specified rules to govern the behavior of a computerized system for translating data to knowledge, and processing data according to the rules to generate knowledge. A further aspect of the present invention is a computer-readable medium having computer-executable instructions stored thereon for executing a method of translating data to knowledge.



*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*