



## (51) International Patent Classification:

G06F 17/30 (2006.01) G06Q 50/14 (2012.01)  
G06Q 50/00 (2012.01)

## (21) International Application Number:

PCT/EP2012/052670

## (22) International Filing Date:

16 February 2012 (16.02.2012)

## (25) Filing Language:

English

## (26) Publication Language:

English

## (30) Priority Data:

11305170.0 18 February 2011 (18.02.2011) EP  
12/932,950 9 March 2011 (09.03.2011) US

## (71) Applicant (for all designated States except US):

AMADEUS S.A.S. [FR/FR]; 485 route du Pin Montard,  
Sophia Antipolis, F-06410 Biot (FR).

## (72) Inventors; and

## (75) Inventors/Applicants (for US only): BAUCHOT, Jérôme

[FR/FR]; 390 Chemin des Ames du Purgatoire, Les Grands  
Logis, Bât A, F-06600 Antibes (FR). DUFOUR, David

[FR/FR]; Terrasses de la Croix des Gardes, 21 Chemin des  
Arbousiers, F-06400 Cannes (FR). LOBELLO, Frederic  
[FR/FR]; La Rose Garden, 66 Avenue Paul Cézanne, F-  
06700 Saint Laurent Du Var (FR). BECKER, Muriel  
[FR/FR]; 40 Chemin de la Source, Les Mas de la Chenaie,  
Villa 31, F-06130 Grasse (FR).

(74) Agent: DECOBERT, Jean-Pascal; Cabinet Hautier, 20  
Rue de la Liberté, F-06000 Nice (FR).

(81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AL, AM,  
AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ,  
CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO,  
DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN,  
HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR,  
KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME,  
MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ,  
OM, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD,  
SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR,  
TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every  
kind of regional protection available): ARIPO (BW, GH,

[Continued on next page]

(54) Title: METHOD, SYSTEM AND COMPUTER PROGRAM TO PROVIDE FARES DETECTION FROM RULES ATTRIBUTES

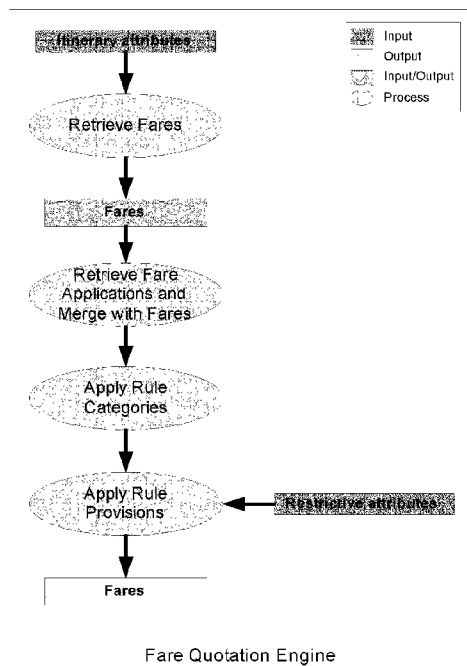


FIGURE 2

(57) Abstract: In one aspect thereof the exemplary embodiments provide a data processing system that includes at least one data processor; at least one memory connected with the data processor and that stores computer software that is executable by the at least one data processor; at least one database storing a plurality of fares and rules establishing conditions under which at least one of the fares can be applied; and an interface to at least one user and configured to receive from the user a fare inquiry. The data processor is configured with the computer software to cause the data processing system to receive a fare inquiry that contains at least one rule attribute, to perform a first search to determine rule data applicable to the at least one rule attribute, and to perform a second search using the rule data to retrieve a list of fares that are applicable to the rule data.



GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ,  
UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD,  
RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ,  
DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT,  
LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS,

SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM,  
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**Published:**

— *with international search report (Art. 21(3))*