



(51) International Patent Classification:

G06Q 30/06 (2012.01) H04L 29/08 (2006.01)
G06Q 50/14 (2012.01)

(21) International Application Number:

PCT/EP2012/054563

(22) International Filing Date:

15 March 2012 (15.03.2012)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

11305281.5 15 March 2011 (15.03.2011) EP
13/065,312 18 March 2011 (18.03.2011) 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): **DOR, Pierre**
[FR/FR]; 1019 Route de Grasse, F-06140 Vence (FR).

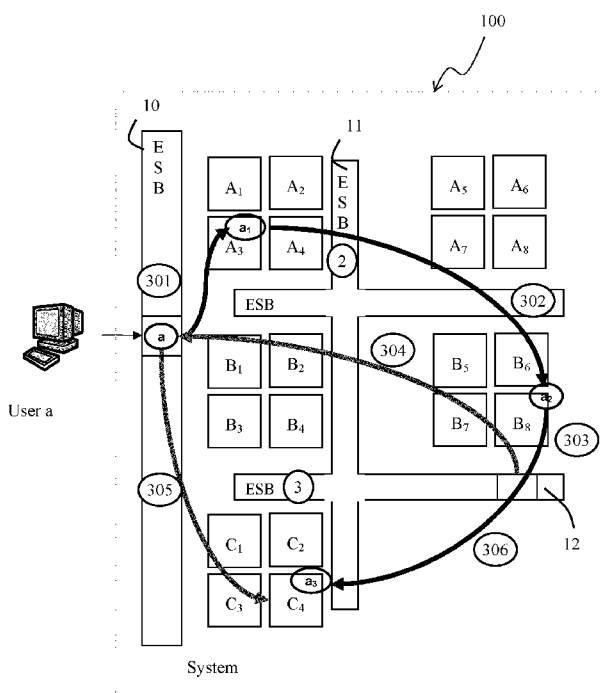
FAUSER, Dietmar [DE/FR]; 102 Avenue Jean XXIII, F-06130 Grasse (FR). **DANIEL, Jérôme** [FR/FR]; Lotissement Rivage Azur, Villa 1, Avenue Honoré Lions, F-06130 Grasse (FR). **MONBEL, Stéphane** [FR/FR]; Résidence Les Jardins de la Corniche, 127 Avenue de la Corniche Fleurie, F-06200 Nice (FR). **DEGUET, Cyril** [FR/FR]; 9 Rue du Bosquet, F-06160 Juan Les Pins (FR).

(74) **Agent: HAUTIER, Nicolas**; 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.

[Continued on next page]

(54) **Title:** METHOD AND SYSTEM FOR PROVIDING A SESSION INVOLVING A PLURALITY OF SOFTWARE APPLICATIONS

**FIGURE 3**

(57) **Abstract:** A computer-implemented method is disclosed for providing a user with a consistent view of user session in a distributed environment. The method includes providing application servers (A1, A2,...) with data storage means for storing part of the user context for that user session, defining thereby for each user session a set of application servers (A3, B8, C4) having each an affinity with the user session. Each application server is configured to process a software application that is required for that user session. At a routing means (10, 11, 12), performing the following steps with at least one data processor: o receiving request from the user and routing transactions of the user session toward the application servers (A1, A2,...) having an affinity with the user session in order to fulfill the request, o assigning to the user session a correlation record (DCX) arranged to comprise Affinity Keys, each Affinity Key indicating an application server that has an affinity with the user session for a given software application, o propagating the correlation record with transactions, allowing thereby the routing means (10, 11, 12) to target the application servers (A3, B8, C4) that are linked to the user context of that user session and that process the software application relevant to process the transaction.



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