



- (51) **International Patent Classification:**
H04L 29/06 (2006.01)
- (21) **International Application Number:**
PCT/GB2013/000404
- (22) **International Filing Date:**
26 September 2013 (26.09.2013)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
- (30) **Priority Data:**
12250156.2 27 September 2012 (27.09.2012) EP
- (71) **Applicant:** **BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY** [GB/GB]; 81 Newgate Street, London EC1A 7AJ (GB).
- (72) **Inventor:** **JENKINS, Ian, William, George**; PP: C5A, 81 Newgate Street, London, EC1A 7AJ (GB).
- (74) **Agent:** **LAU, Chi-Fai**; BT Legal, Intellectual Property Department, PP: C5A, BT Centre, 81 Newgate Street, London EC1A 7AJ (GB).
- (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, BN, 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, 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, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, 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, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, 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, KM, ML, MR, NE, SN, TD, TG).

Published:

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

(54) **Title:** APPLICATION LAYER SESSION ROUTING

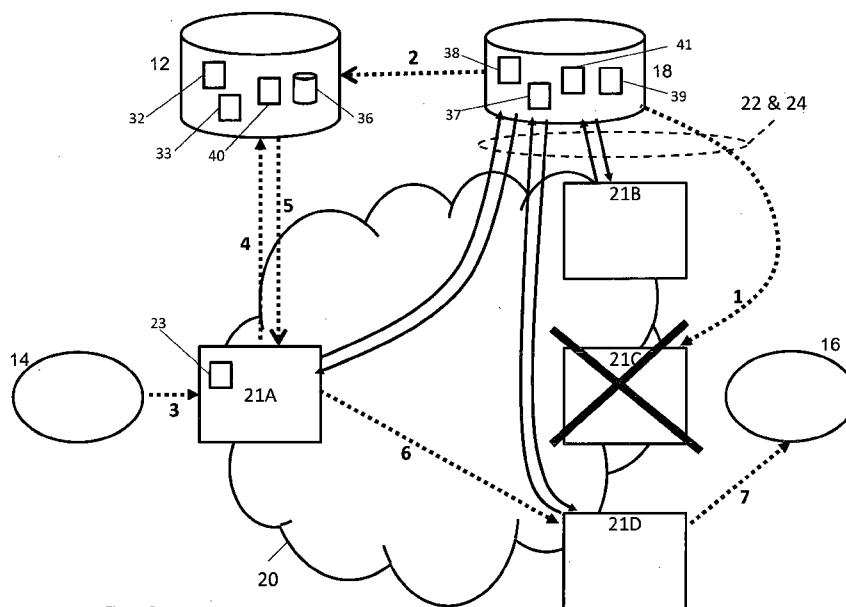


Figure 3

- (57) **Abstract:** A method and server system for providing application layer session routing based on network element availability. A server system (12, 18) is arranged to monitor the abilities of session control edge nodes (21A-D) within a large VoIP and Multimedia transit network (20) to handle session set-up requests. A status module (38) in the server system receives status messages (22, 24) from the edge nodes and based on these messages a selection and modification module (40, 41) selects which edge nodes (21A-D) as well as which of their associated interconnects to other networks to include in a response (5) to a routing request (4) from a source node (21A-D).