



(51) International Patent Classification:
H04L 12/46 (2006.01) *H04L 29/06* (2006.01)
H04L 12/56 (2006.01)

(21) International Application Number:
PCT/US2009/047706

(22) International Filing Date:
17 June 2009 (17.06.2009)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/073,325 17 June 2008 (17.06.2008) US
12/485,553 16 June 2009 (16.06.2009) US

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(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, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, 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, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (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, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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(54) Title: METHODS AND APPARATUS FOR DISCOVERY OF PEER-TO-PEER OVERLAY NETWORKS

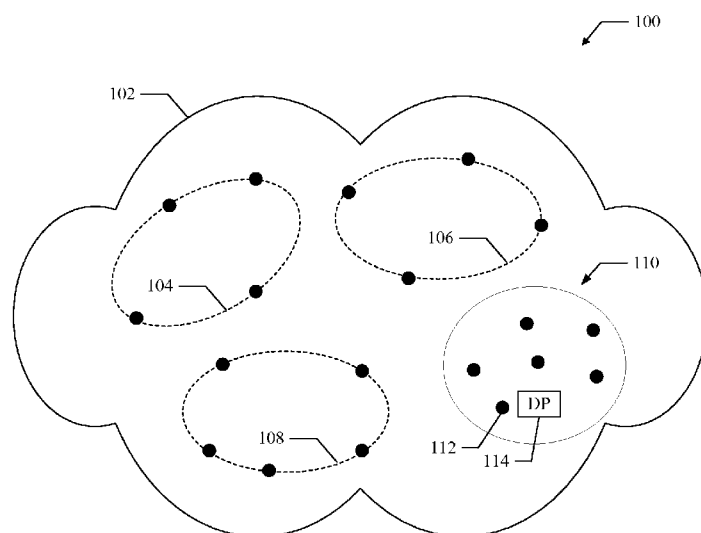


FIG. 1

(57) Abstract: Methods and apparatus for discovery of peer-to-peer overlay networks. In an aspect, a method includes receiving a request to discover information about overlay networks of interest, generating a search query that comprises at least one parameter associated with the overlay networks of interest, and transmitting the search query to nodes on a local area network. In another aspect, an apparatus includes a memory comprising an overlay database of meta-data associated with one or more known overlay networks and a processor coupled to the memory and configured to obtain a search query that comprises at least one parameter associated with overlay networks of interest, determine one or more selected overlay networks from the overlay database based on the at least one parameter, and transmit meta-data associated with the one or more selected overlay networks in response to the search query.

**Declarations under Rule 4.17:**

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*
- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*

(88) Date of publication of the international search report:

4 March 2010

Published:

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