(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
19 April 2012 (19.04.2012)

PCT

(10) International Publication Number
WO 2012/051303 A1

(51) International Patent Classification:
H04W 72/04 (2009.01) *H04W 24/10* (2009.01)

(21) International Application Number:
PCT/US2011/055969

(22) International Filing Date:
12 October 2011 (12.10.2011)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

61/392,350	12 October 2010 (12.10.2010)	US
61/445,285	22 February 2011 (22.02.2011)	US
61/470,914	1 April 2011 (01.04.2011)	US

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(54) Title: SERVICE-BASED APPROACH TO CHANNEL SELECTION AND NETWORK CONFIGURATION FOR TELEVISION WHITE SPACE NETWORKS

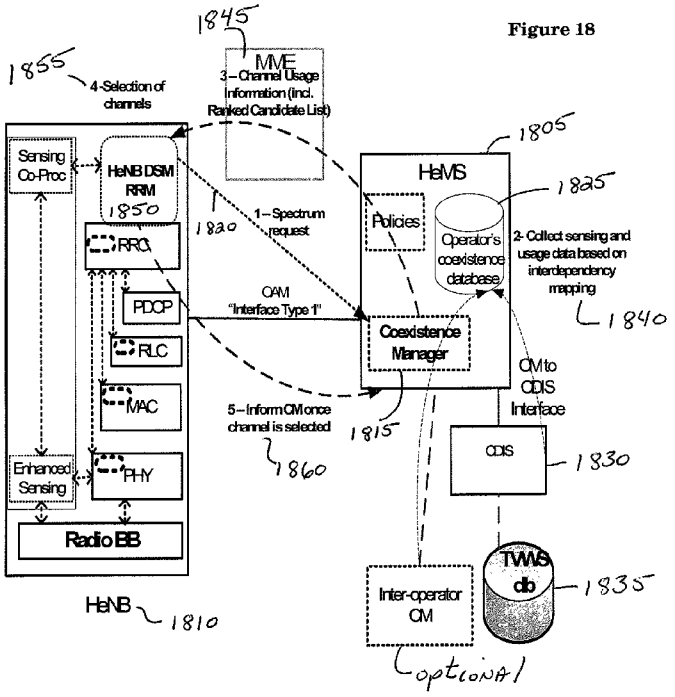


Figure 18

(57) Abstract: A method for managing channel selection in a dynamic spectrum management network includes receiving a spectrum allocation request; based on the source of the spectrum allocation request, checking for available channels; based on the source of the spectrum allocation request, collecting sensing and usage data for the available channels; providing the channel usage data to an entity that transmitted the spectrum allocation request.

WO 2012/051303 A1

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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, 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, 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))*