

Title (en)
SYSTEMS AND METHODS FOR SEAMLESS ROAMING BETWEEN WIRELESS NETWORKS

Title (de)
SYSTEME UND VERFAHREN ZUM NAHTLOSEN ROAMING ZWISCHEN DRAHTLOSEN NETZWERKEN

Title (fr)
SYSTEMES ET PROCEDES D'ITINERANCE EN CONTINU ENTRE DES RESEAUX SANS FIL

Publication
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Application
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Priority
US 0324630 W 20030806

Abstract (en)
[origin: CA2527511A1] A method for the seamless switching of a wireless device between wireless wide area networks (WWANs) and wireless local area networks (WLANs) includes automatically detecting the available WWANs and WLANs, selecting one of the available networks for use by the wireless device, and connecting the wireless device to the selected network. The method also includes maintaining the network connectivity (112) by monitoring the connection and, upon determining that the connection has been lost (114), selecting another available network for use and connecting the wireless device to the other network (120). Additionally, the method communicates information about the availability of networks and connection status to a user of the wireless device, which allows the user to manually switch the wireless device connection from the automatically selected available network to another available network. Further, a wireless device implements the above-described method.

IPC 8 full level
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H04W 36/1446 (2023.05 - EP KR US); **H04W 40/24** (2013.01 - KR); **H04W 48/18** (2013.01 - EP); **H04W 84/12** (2013.01 - KR); **H04W 88/06** (2013.01 - KR); **H04W 84/12** (2013.01 - EP); **H04W 88/06** (2013.01 - EP)

Citation (search report)

- [X] US 2003100308 A1 20030529 - RUSCH LESLIE A [US]
- [X] US 2002039892 A1 20020404 - LINDELL BO [SE]
- [XA] WO 03061177 A2 20030724 - WINPHORIA NETWORKS INC [US]
- [A] WO 0135585 A1 20010517 - ERICSSON TELEFON AB L M [SE]

Citation (examination)

- WO 0158190 A1 20010809 - TELIA AB [SE]
- See also references of WO 2005018252A1

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DOCDB simple family (publication)
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