Title (en)

OVER-THE-AIR DOWNLOAD (OAD) METHODS AND APPARATUS FOR USE IN FACILITATING APPLICATION PROGRAMMING IN WIRELESS NETWORK DEVICES OF AD HOC WIRELESS COMMUNICATION NETWORKS

Title (de)

VERFAHREN ZUM HERUNTERLADEN PER OAD (OVER-THE-AIR) UND VORRICHTUNG ZUR VERWENDUNG BEI DER ERLEICHTERUNG DER ANWENDUNGSPROGRAMMIERUNG IN DRAHTLOSEN NETZWERKEINRICHTUNGEN VON DRAHTLOSEN AD-HOC-KOMMUNIKATIONSNETZWERKEN

Title (fr)

PROCEDE DE TELECHARGEMENT EN LIAISON RADIO (OAD) ET UN DISPOSITIF PERMETTANT DE FACILITER LA PROGRAMMATION D'APPLICATIONS DANS DES DISPOSITIFS DE RESEAU SANS FIL DE RESEAUX DE COMMUNICATION SANS FIL AD HOC

Publication

EP 1955144 A4 20111214 (EN)

Application

EP 05848548 A 20051109

Priority

US 2005040617 W 20051109

Abstract (en)

[origin: WO2007055686A1] In one illustrative example, a wireless network device of a low data rate wireless personal area network (WPAN) or the like includes a controller, memory for storing one or more application programs, and a wireless transceiver coupled to the controller and operative for communications in the wireless network. The controller is adapted to receive, through the wireless transceiver, an instruction which causes the wireless device to operate as a client in performing an OAD procedure for receiving the program from another wireless device which is operated as a server in the wireless network, and to operate the wireless device as the client in performing the OAD procedure in response to such instruction. The controller is further adapted to receive, through the wireless transceiver, one or more instructions for the wireless device to operate as a server in performing the OAD procedure for sending the program to one or more other wireless devices which are operated as clients in the wireless network, and to operate the wireless device as the server in performing the OAD procedure in response to such instructions. A commissioner device of the wireless network may coordinate the assignment of client and server roles of the wireless devices for OAD procedures based on a variety of different heuristic or algorithmic techniques for optimal results.

IPC 8 full level

G06F 9/44 (2006.01); **G06F 9/445** (2006.01); **H04B 1/46** (2006.01); **H04L 29/08** (2006.01)

CPC (source: EP US)

G06F 8/656 (2018.01 - EP US); **H04L 67/34** (2013.01 - EP); H04W 8/245 (2013.01 - EP)

Citation (search report)

- [Y] US 2004098715 A1 20040520 - AGHERA PARIXIT [IN], et al
- [Y] US 6560643 B1 20030506 - SHEPHERD BRUCE [GB], et al
- [A] US 6308061 B1 20011023 - CRISS MARK A [US], et al
- See references of WO 2007055686A1

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DE FR GB NL

DOCDB simple family (publication)

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