

Title (en)

DEVICE DETECTION AND SERVICE DISCOVERY SYSTEM AND METHOD FOR A MOBILE AD HOC COMMUNICATIONS NETWORK

Title (de)

GERÄTEDETEKTIONS- UND DIENST-DISCOVERY-SYSTEM UND VERFAHREN FÜR EIN MOBIL-AD-HOC-KOMMUNIKATIONSNETZ

Title (fr)

DETECTION DE DISPOSITIF ET SYSTEME DE COUVERTE DE SERVICE ET PROCEDE POUR RESEAU DE COMMUNICATIONS PONCTUELLES DE MOBILES

Publication

EP 1556966 A4 20090121 (EN)

Application

EP 03769723 A 20031030

Priority

- IB 0304843 W 20031030
- US 28413502 A 20021031
- US 66240703 A 20030916

Abstract (en)

[origin: WO2004040918A2] A computer system, method, and computer program product for performing device detection and service discovery in a mobile ad hoc communications network. The method comprises conducting an inquiry of the mobile ad hoc communications network to discover nearby devices. If the inquiry indicates that the nearby devices may include a middleware layer, the method further comprises creating a connection to each of the nearby devices and confirming whether each of the nearby devices include the middleware layer. For each of the nearby devices that include the middleware layer, the method further comprises executing the middleware layer to perform application and service discovery, and to launch applications and services.

IPC 8 full level

H04L 12/56 (2006.01); **H04B 7/00** (2006.01); **H04L 12/28** (2006.01); **H04L 29/08** (2006.01); **H04W 8/00** (2009.01); **H04W 84/18** (2009.01)

CPC (source: EP KR)

H04L 12/28 (2013.01 - KR); **H04L 67/51** (2022.05 - EP); **H04W 8/00** (2013.01 - KR); **H04W 8/005** (2013.01 - EP); **H04W 40/24** (2013.01 - KR); **H04W 84/18** (2013.01 - KR); **H04W 84/18** (2013.01 - EP)

Citation (search report)

- [A] DE 10112409 A1 20020919 - CREATIONS GMBH M [DE]
- [A] KANTER T G: "HOTTOWN, ENABLING CONTEXT-AWARE AND EXTENSIBLE MOBILE INTERACTIVE SPACES", IEEE WIRELESS COMMUNICATIONS, IEEE SERVICE CENTER, PISCATAWAY, NJ, US, vol. 9, no. 5, 1 October 2002 (2002-10-01), pages 18 - 27, XP001132253, ISSN: 1536-1284
- See references of WO 2004040918A2

Citation (examination)

US 2002120750 A1 20020829 - NIDD MICHAEL [CH]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2004040918 A2 20040513; **WO 2004040918 A3 20050526**; AU 2003278417 A1 20040525; AU 2003278417 B2 20070531; BR 0315766 A 20050906; CA 2501566 A1 20040513; CA 2501566 C 20120710; EP 1556966 A2 20050727; EP 1556966 A4 20090121; JP 2006510124 A 20060323; JP 2008017495 A 20080124; JP 4050297 B2 20080220; JP 4563425 B2 20101013; KR 100712047 B1 20070427; KR 20050063798 A 20050628

DOCDB simple family (application)

IB 0304843 W 20031030; AU 2003278417 A 20031030; BR 0315766 A 20031030; CA 2501566 A 20031030; EP 03769723 A 20031030; JP 2005501839 A 20031030; JP 2007181700 A 20070711; KR 20057007627 A 20050429