Title (en)

WIRELESS SWITCH NETWORK ARCHITECTURE IMPLEMENTING MOBILITY AREAS WITHIN A MOBILITY DOMAIN, MOBILITY RELAY TECHNIQUES FOR REDUCING LAYER 3 MOBILITY CONTROL TRAFFIC AND PEERING SESSIONS, AND TECHNIQUES FOR RESOLVING CONFLICTS BETWEEN WIRELESS SWITCHES WITHIN A MOBILITY DOMAIN REGARDING LAYER 3 MOBILITY STATE OF A WIRELESS CLI

Title (de)

DRAHTLOSE SCHALTNETZARCHITEKTUR MIT MOBILITÄTSBEREICHEN INNERHALB EINER MOBILITÄTSDOMÄNE, MOBILITÄTSRELAISVERFAHREN ZUR REDUKTION VON SCHICHT-3-MOBILITÄTSSTEUERUNG, VERKEHR UND PEERING-SITZUNGEN SOWIE VERFAHREN ZUR AUFLÖSUNG VON KONFLIKTEN ZWISCHEN DRAHTLOSEN SCHALTERN INNERHALB EINER MOBILITÄTSDOMANE IN ZUSAMMENHANG MIT SCHICHT-3-MOBILITÄTSSTATUS EINER DRAHTLOSEN CLI

Title (fr)

ARCHITECTURE DE RÉSEAU DE COMMUTATEUR SANS FIL METTANT EN UVRE DES ZONES DE MOBILITÉ DANS UN DOMAINE DE MOBILITÉ, TECHNIQUES DE RELAIS DE MOBILITÉ DESTINÉES À DES SESSIONS D'HOMOLOGUES ET TRAFIC DE COMMANDE DE MOBILITÉ DE COUCHE 3, ET TECHNIQUES DE RÉSOLUTION DE CONFLI

Publication

EP 2039205 A2 20090325 (EN)

Application

EP 07799209 A 20070629

Priority

- US 2007072556 W 20070629
- US 48236806 A 20060707
- US 48222606 A 20060707
- US 48239406 A 20060707

Abstract (en)

[origin: WO2008005878A2] Techniques are provided for configuring wireless switches within a mobility domain. In one implementation, a first designated wireless switch and a first client wireless switch are configured as part of a first mobility area of the mobility domain. An internal peering session is established between the first client wireless switch and the first designated wireless switch in the first mobility area. A second designated wireless switch is configured as part of a second mobility area of the mobility domain, and an external peering session is established between the first designated wireless switch in the first mobility area and the second designated wireless switch in the second mobility area. Other techniques are provided for relaying control messages between wireless switches in different mobility areas of a mobility domain. Techniques are also provided for resolving conflicts among wireless switches associated with a wireless client device regarding a layer 3 (L3) mobility state of the wireless client device at the wireless switches.

IPC 1-7

H04Q 7/38

IPC 8 full level

H04W 4/00 (2009.01); **H04W 8/06** (2009.01); **H04W 88/14** (2009.01); H04W 28/04 (2009.01); H04W 28/06 (2009.01); H04W 80/04 (2009.01); H04W 80/06 (2009.01)

CPC (source: EP)

H04L 45/66 (2013.01); **H04W 8/06** (2013.01); **H04W 88/14** (2013.01); H04W 8/087 (2013.01); H04W 8/12 (2013.01); H04W 28/06 (2013.01); H04W 80/02 (2013.01); H04W 80/04 (2013.01); H04W 80/06 (2013.01)

Citation (search report)

See references of WO 2008005878A2

Designated contracting state (EPC)

DE FR GB

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

WO 2008005878 A2 20080110; **WO 2008005878 A3 20080508**; EP 2039205 A2 20090325

DOCDB simple family (application)

US 2007072556 W 20070629; EP 07799209 A 20070629