

Title (en)
FLEXIBLE MULTICAST AND/OR BROADCAST LISTENING INTERVALS

Title (de)
FLEXIBLE MULTICAST- UND/ODER BROADCAST-HÖRINTERVALLE

Title (fr)
INTERVALLES D'ECOUTE DE DIFFUSION ET/OU DE MULTIDIFFUSION SOUPLES

Publication
EP 1955128 A2 20080813 (EN)

Application
EP 06809174 A 20061102

Priority
• IB 2006003093 W 20061102
• US 73373905 P 20051104

Abstract (en)
[origin: WO2007052137A2] The present invention provides a new and unique method and apparatus for communicating information between two nodes, points or terminals in a wireless local area network (WLAN), where a variable multicast and/or broadcast listening interval and associated signalling is allowed between the two nodes, points or terminals in the wireless LAN network. The two nodes, points or terminals include an access point (AP) or other suitable network node or terminal and a station (STA) or other suitable network node or terminal in the WLAN. The AP and the STA can indicate its capability to support a flexible multicast and broadcast listening interval by using new fields in Beacon and Probe Response frames and in (Re)Association Request Frames. The multicast and broadcast service is setup by using Multicast and Broadcast Service Setup signalling.

IPC 8 full level
H04W 76/00 (2009.01)

CPC (source: EP KR)
H04L 12/189 (2013.01 - KR); **H04W 48/10** (2013.01 - KR); **H04W 52/0216** (2013.01 - EP KR); **H04W 52/0219** (2013.01 - EP KR);
H04W 76/40 (2018.01 - EP KR); **H04W 84/12** (2013.01 - KR); **H04L 12/189** (2013.01 - EP); **H04W 84/12** (2013.01 - EP);
Y02D 30/70 (2020.08 - EP KR)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2007052137 A2 20070510; WO 2007052137 A3 20070809; CN 101331439 A 20081224; EP 1955128 A2 20080813;
EP 1955128 A4 20130424; JP 2009515400 A 20090409; JP 4960372 B2 20120627; KR 100966517 B1 20100629; KR 20080075144 A 20080814;
RU 2008118593 A 20091210; RU 2010121250 A 20111210; RU 2397620 C2 20100820; RU 2449475 C2 20120427

DOCDB simple family (application)
IB 2006003093 W 20061102; CN 200680047631 A 20061102; EP 06809174 A 20061102; JP 2008538446 A 20061102;
KR 20087013437 A 20061102; RU 2008118593 A 20061102; RU 2010121250 A 20100527