Title (en)
ADAPTIVE RADIO CHANNEL SWITCHING

Title (de)
ADAPTIVE FUNKKANAL-UMSCHALTUNG

Title (fr)
COMMUTATION ADAPTATIVE D'UN CANAL RADIO

Publication
EP 1908228 A1 20080409 (EN)

Application
EP 06758050 A 20060707

Priority
- SE 2006000868 W 20060707
- SE 0501683 A 20050715

Abstract (en)
[origin: WO2007011281A1] A method and a Radio Network Controller for adaptive radio channel switching between dedicated channels in an UMTS network. The method comprises the steps of initiating and admitting a new Packet Switched connection (100); checking if buffer and throughput value is below a lower threshold value (102); if buffer and throughput value is below a lower threshold value, increasing the channel and repeating from step (102, 104); if buffer and throughput value is not below a lower threshold value, checking if buffer and throughput is above an upper threshold value (106); if buffer and throughput is above an upper threshold value, decreasing the channel and repeating from step (106, 108); if buffer and throughput is not above an upper threshold value, repeating from step (102, 110); and terminating or releasing the Packet Switched connection (112).

IPC 8 full level
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CPC (source: EP SE)
H04L 47/10 (2013.01 - SE); **H04W 28/0289** (2013.01 - EP SE); **H04W 72/52** (2023.01 - EP); H04W 28/14 (2013.01 - EP); H04W 88/12 (2013.01 - EP)

Cited by
US2012039211A1; US8817654B2

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 2007011281 A1 20070125; EP 1908228 A1 20080409; EP 1908228 A4 20111228; NO 20076175 L 20080307; SE 0501683 L 20070116; SE 529757 C2 20071120

DOCDB simple family (application)
SE 2006000868 W 20060707; EP 06758050 A 20060707; NO 20076175 A 20071130; SE 0501683 A 20050715