

Title (en)  
COMMUNICATIONS NETWORK

Title (de)  
KOMMUNIKATIONSNETZ

Title (fr)  
RESEAU DE COMMUNICATION

Publication  
**EP 1961248 A1 20080827 (EN)**

Application  
**EP 06808039 A 20061115**

Priority  
• FI 2006050498 W 20061115  
• FI 20051170 A 20051116

Abstract (en)  
[origin: WO2007057517A1] The present invention concerns a novel mobile communication network and network topology, and a method for designing and optimizing the network. According to the invention, instead of one directional antenna, the coverage and services of a plurality of directional antennas, and/or instead of one base station, the coverage and services of a plurality of base stations, are provided for the user terminal.

IPC 8 full level  
**H04Q 7/36** (2006.01); **H04W 16/28** (2009.01)

IPC 8 main group level  
**H04Q** (2006.01)

CPC (source: EP)  
**H04W 16/28** (2013.01)

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 2007057517 A1 20070524**; EP 1961248 A1 20080827; EP 1961248 A4 20091202; FI 20051170 A0 20051116; FI 20051170 L 20070517

DOCDB simple family (application)  
**FI 2006050498 W 20061115**; EP 06808039 A 20061115; FI 20051170 A 20051116