

Title (en)

DEVICE FOR ALLOCATING RESOURCES IN A RADIOCOMMUNICATION NETWORK

Title (de)

VORRICHTUNG ZUR ZUTEILUNG VON RESSOURCEN IN EINEM FUNKKOMMUNIKATIONSNETZ

Title (fr)

DISPOSITIF D'ALLOCATION DE RESSOURCES DANS UN RESEAU DE RADIOCOMMUNICATIONS

Publication

EP 1013116 A1 20000628 (FR)

Application

EP 98943971 A 19980911

Priority

- FR 9801952 W 19980911
- FR 9711468 A 19970912

Abstract (en)

[origin: FR2768584A1] The use of potential interference level information allows optimum allocation of frequency resources to communication. The procedure provides allocation of a resource to a terminal in a cellular radio communications network. Each cell is identified by a primary color and a secondary color corresponding to transmission frequencies attributed to them from amongst a set of primary frequencies and a set of secondary frequencies. The rate of reuse of the secondary frequencies is greater than that of the primary frequencies. The system has access to a potential interference level affecting this terminal at reception, and resources are allocated to the terminal on the basis of minimizing the potential interference level.

IPC 1-7

H04Q 7/28

IPC 8 full level

H04Q 7/36 (2006.01); **H04W 16/02** (2009.01); **H04W 16/12** (2009.01); **H04Q 7/38** (2006.01); **H04W 16/10** (2009.01); **H04W 72/08** (2009.01)

CPC (source: EP US)

H04W 16/02 (2013.01 - EP US); **H04W 16/12** (2013.01 - EP US); **H04W 16/10** (2013.01 - EP US); **H04W 72/54** (2023.01 - EP US)

Citation (search report)

See references of WO 9914964A1

Designated contracting state (EPC)

DE FI GB SE

DOCDB simple family (publication)

FR 2768584 A1 19990319; **FR 2768584 B1 19991203**; CA 2303997 A1 19990325; CN 1275295 A 20001129; EP 1013116 A1 20000628; US 6636736 B1 20031021; WO 9914964 A1 19990325

DOCDB simple family (application)

FR 9711468 A 19970912; CA 2303997 A 19980911; CN 98810073 A 19980911; EP 98943971 A 19980911; FR 9801952 W 19980911; US 50813200 A 20000713