

Title (en)
SYSTEM AND METHOD FOR AUTOMATICALLY CONFIGURING AND INTEGRATING A RADIO BASE STATION INTO AN EXISTING WIRELESS CELLULAR COMMUNICATION NETWORK WITH FULL BI-DIRECTIONAL ROAMING AND HANDOVER CAPABILITY

Title (de)
SYSTEM UND VERFAHREN ZUM AUTOMATISCHEN KONFIGURIEREN UND INTEGRIEREN EINER FUNKBASISSTATION IN EIN EXISTIERENDES DRAHTLOSES ZELLULARES KOMMUNIKATIONSNETZ MIT VOLLER BIDIREKTIONALER ROAMING- UND WEITERREICHUNGS-FÄHIGKEIT

Title (fr)
SYSTEME ET PROCEDE PERMETTANT DE CONFIGURER ET D'INTEGRER AUTOMATIQUEMENT UNE STATION RADIO DE BASE DANS UN RESEAU CELLULAIRE DE COMMUNICATIONS SANS FIL EXISTANT A ITINERANCE BIDIRECTIONNELLE TOTALE ET A CAPACITE DE TRANSFERT

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Application
EP 04780340 A 20040806

Priority

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Abstract (en)
[origin: WO2005015917A2] A radio base station in a mobile communication network collects information about the network and exchanges data with a configuration device, the Internet System Manager (iSM). The iSM automatically configures and integrates the base station into the network by defining configuration parameter settings that allow full interoperability of the base station with the network, with regards to roaming and handover in particular, without the need to add or modify parameter settings in other existing network elements. A very large number and high geographical density of such base stations is supported with full interoperability between them, allowing to overcome limitations of conventional mobile communication networks in this regard, by utilizing a certain combination of parameter settings and a new method to address the different base stations in the network.

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Citation (search report)

- [XY] US 2003109254 A1 20030612 - MOTEGI MASAYUKI [JP], et al
- [Y] US 2001055298 A1 20011227 - BAKER JOHN [US], et al
- [A] US 2002089951 A1 20020711 - HYUN SANGKYOON [US], et al
- See references of WO 2005015917A2

Designated contracting state (EPC)
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