

Title (en)

RF Rx FRONT END MODULE FOR PICOCELL AND MICROCELL BASE STATION TRANSCEIVERS

Title (de)

HF-Rx EINGANGSMODUL FÜR SENDEEMPfangSGERÄTE VON PICOZELLEN- UND MIKROZELLENBASISSTATIONEN

Title (fr)

MODULE FRONTAL RF Rx POUR ÉMETTEURS-RÉCEPTEURS DE STATION DE BASE À PICOCELLULE ET MICROCELLULE

Publication

EP 2050197 A1 20090422 (EN)

Application

EP 07810003 A 20070628

Priority

- US 2007015031 W 20070628
- US 81975806 P 20060707

Abstract (en)

[origin: WO2008008193A1] An RF Rx module adapted for direct surface mounting to the top surface of the front end of the motherboard of a picocell. The module comprises a printed circuit board having a plurality of direct surface mounted discrete electrical components defining a receive (Rx) section and path for RF signals. The signal receive section is defined by at least the following elements located under a lid which is attached to the surface of the board: a duplexer, a receive low pass filter, a low-noise amplifier, and a receive bandpass filter. At least one aperture in the board is adapted to accept a screw or the like for securing the module to the motherboard of the picocell.

IPC 8 full level

H04B 1/08 (2006.01); **H05K 1/14** (2006.01)

CPC (source: EP KR)

H04B 1/08 (2013.01 - EP KR); **H04W 88/08** (2013.01 - KR); **H05K 1/0243** (2013.01 - KR); **H05K 1/141** (2013.01 - EP KR); **H05K 9/0022** (2013.01 - KR); **H05K 1/0243** (2013.01 - EP); **H05K 2201/09063** (2013.01 - EP); **H05K 2201/10371** (2013.01 - EP KR)

Citation (search report)

See references of WO 2008008193A1

Designated contracting state (EPC)

DE

Designated extension state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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