

**System And Method For Management Of Neighbor-Channel Interference
With Cellular Reuse Partitioning**

Abstract

A novel methodology is provided for managing neighbor channel interference in a cellular wireless communications system as a function of a service-quality factor for a communications channel within such a system. That methodology is characterized as *Re-Use Partitioning with Neighbor-Channel Restrictions*, and carries out the function of eliminating neighbor-channel interference between neighboring omni-directional cells.

Figure 7