Title (en)

NON STATIONARY SECTORIZED ANTENNA

Title (de)

NICHTSTATIONÄRE SEKTORANTENNE

Title (fr)

ANTENNE SECTORISEE NON STATIONNAIRE

Publication

EP 1234354 A1 20020828 (EN)

Application

EP 00976669 A 20001026

Priority

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Abstract (en)

[origin: WO0131742A1] A base station in which the cell boundaries move. By moving the cell boundaries, a stationary or slow moving subscriber station is not disadvantaged with respect to the service it is capable of receiving. In a first exemplary embodiment, a sectorized antenna structure is placed in motion by either rotating the antenna structure or by oscillating the angle of the antenna structure. In a second embodiment, two separate antenna structures with different coverage area divisions are provided and the communications are alternately provided from each of the two antenna structures. It is a further advantage that position location of a subscriber station may be improved by employing the additional information that is available using the motion or multiple configuration of the sectors.

IPC 1-7

H01Q 3/04; H01Q 3/24; H04Q 7/36; H04B 7/02

IPC 8 full level

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CPC (source: EP KR)

H01Q 1/246 (2013.01 - EP KR); **H01Q 3/04** (2013.01 - EP KR); **H01Q 3/24** (2013.01 - EP KR); **H04B 7/0491** (2013.01 - EP); **H04W 16/28** (2013.01 - EP KR); H04W 16/24 (2013.01 - EP)

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See references of WO 0131742A1

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