

Title (en)

ANTENNA FOR HIGH FREQUENCY RADIO SIGNAL TRANSMISSION

Title (de)

ANTENNE ZUM ABSTRAHLEN VON HOCHFREQUENTEN FUNKSIGNALEN

Title (fr)

ANTENNE D'EMISSION DE SIGNAUX RADIOELECTRIQUES DE HAUTE FREQUENCE

Publication

EP 0985248 A1 20000315 (DE)

Application

EP 98916829 A 19980303

Priority

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Abstract (en)

[origin: DE19722547A1] The invention relates to an antenna (6) for transmission of high frequency signals in a confined space (3, 4), the emission cone (5) being determined by a dielectric lens (12) around the primary transmitter (13), which dielectric lens (13) is comprised of an internal shell (9) adjusted to said space and an external hemispherical shell (10). Preferably, the antenna (6) is used in the base station (1) of a telecommunication system, whereby said base station (1) and several mobile stations (2) communicate with each other by means of radio signals.

IPC 1-7

H01Q 19/06; **H01Q 19/08**; **H01Q 15/02**; **H01Q 15/08**

IPC 8 full level

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CPC (source: EP KR US)

H01Q 1/007 (2013.01 - EP US); **H01Q 1/42** (2013.01 - EP US); **H01Q 15/02** (2013.01 - KR); **H01Q 15/08** (2013.01 - EP US); **H01Q 15/16** (2013.01 - KR); **H01Q 19/06** (2013.01 - KR); **H01Q 19/062** (2013.01 - EP US)

Citation (search report)

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