

Title (en)

Antenna device of a base station of a mobile telecommunication network.

Title (de)

Antennenvorrichtung einer Basisstation für ein mobiles Kommunikationsnetz

Title (fr)

Dispositif d'antenne pour station fixe d'un réseau de télécommunication mobile

Publication

EP 0980111 A1 20000216 (EN)

Application

EP 98201691 A 19980520

Priority

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Abstract (en)

An antenna device for a base station of a mobile telecommunication network, comprising at least two linear phased-array antennas, with the longitudinal direction of each phased-array antenna being directed at least substantially vertically, the at least three phased-array antennas being jointly accommodated in a tubular housing, with the longitudinal direction of the housing being directed at least substantially vertically. Because the phased-array antennas are jointly accommodated in a single tubular housing, the visual appearance of the antenna is experienced as particularly attractive. The antenna has the appearance of a mast and is therefore hardly noticeable. The housing functions as a radome. An additional advantage of the housing is that the phased-array antennas are protected from weather influences. <IMAGE>

IPC 1-7

H01Q 1/32

IPC 8 full level

H01Q 1/12 (2006.01); **H01Q 1/42** (2006.01); **H01Q 21/08** (2006.01)

CPC (source: EP)

H01Q 1/1242 (2013.01); **H01Q 1/42** (2013.01); **H01Q 21/08** (2013.01)

Citation (search report)

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