

Title (en)
HELICAL ANTENNA

Title (de)
WENDELANTENNE

Title (fr)
ANTENNE HELICOIDALE

Publication
EP 1435125 B1 20060426 (EN)

Application
EP 02748837 A 20020701

Priority
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• GB 0123502 A 20010929

Abstract (en)
[origin: GB2380323A] An antenna for use in a mobile radio communication unit has a helical coil portion 3 located between and electrically connected to two further portions, namely a second portion 5 having a conductive stub for connection to the radio unit, and a third portion 7 comprising a conductive capacitive cylinder or curved plate. The length of the antenna is not greater than 100 mm, preferably not greater than 0.1 g . The antenna has applications in TETRA digital communications. Superior return loss and bandwidth characteristics are claimed.

IPC 8 full level
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