

Title (en)
Dipole antenna for broadband transmission

Title (de)
Dipolantenne zur Breitbandübertragung

Title (fr)
Antenne dipole pour transmission à bande large

Publication
EP 1786063 B1 20080813 (EN)

Application
EP 06011636 A 20060606

Priority
CN 200510125015 A 20051111

Abstract (en)
[origin: EP1786063A1] Disposing an additional sleeve-shaped structure, which is also called a sleeve, on a first radiator (204,304) of both resonant radiators of a dipole antenna (200, 220, 300, 350) so that a cavity is formed between the additional sleeve-shaped structure and a second resonant radiator (212, 316) of the dipole antenna (200, 220, 300, 350). An effective bandwidth of the dipole antenna (200, 220, 300, 350) is increased significantly by a capacitance effect caused by the cavity so that more channels can be received by a general digital television broadband antenna while the dipole antenna (200, 220, 300, 350) is applied on the digital television broadband antenna.

IPC 8 full level
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DE

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