

Title (en)  
Wideband antenna arrangement

Title (de)  
Breitbandige Antennenanordnung

Title (fr)  
Disposition d'antenne à large bande

Publication  
**EP 0593185 B1 20000830 (EN)**

Application  
**EP 93307839 A 19931001**

Priority  
GB 9221536 A 19921014

Abstract (en)  
[origin: EP0593185A1] A compact antenna arrangement for a portable transceiver in a wideband cellular radio system, comprises first and second antenna coils (3,4) tuned respectively to the transmit and receive frequencies and coupled respectively to the transmit and receive sections of the transceiver. The two antenna coils are provided in a common housing (10) external to the main housing (1) of the telephone and are disposed on a common axis. In one embodiment the antenna coils are arranged in-line (see Fig. 1). Alternatively, the antenna coils may be disposed concentrically, one within the other (see Fig.2); or they may be interwound (see Fig.3). <IMAGE>

IPC 1-7  
**H01Q 1/24**; **H01Q 5/00**; **H01Q 1/36**

IPC 8 full level  
**H01Q 1/24** (2006.01); **H01Q 1/32** (2006.01); **H01Q 1/36** (2006.01); **H01Q 5/00** (2006.01); **H01Q 5/40** (2015.01); **H01Q 11/08** (2006.01)

CPC (source: EP)  
**H01Q 1/242** (2013.01); **H01Q 1/362** (2013.01); **H01Q 5/40** (2015.01); **H01Q 21/30** (2013.01)

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Designated contracting state (EPC)  
DE FR GB SE

DOCDB simple family (publication)  
**EP 0593185 A1 19940420**; **EP 0593185 B1 20000830**; DE 69329323 D1 20001005; DE 69329323 T2 20010329; GB 2271670 A 19940420; GB 2271670 B 19961016; GB 9221536 D0 19921125; IL 107272 A0 19940125; IL 107272 A 19970415; JP H06204726 A 19940722

DOCDB simple family (application)  
**EP 93307839 A 19931001**; DE 69329323 T 19931001; GB 9221536 A 19921014; IL 10727293 A 19931013; JP 25155693 A 19931007