

Title (en)  
Antenna

Title (de)  
Antenne

Title (fr)  
Antenne

Publication  
**EP 0573971 B1 19960821 (DE)**

Application  
**EP 93109228 A 19930608**

Priority  
DE 4219165 A 19920611

Abstract (en)  
[origin: EP0573971A1] In the case of an antenna having a plurality of dipole units which are arranged one above the other in a co-linear manner on a supporting tube, in each case consist of at least one dipole element, and are arranged inside a protection tube which consists of insulating material and has an internal diameter which is small in comparison with an operating wavelength, a conductive decoupling surface is arranged, at right angles to the protection tube axis, between at least two dipole units which are arranged one above the other, the outer edge of which decoupling surface extends radially at least as far as the dipole elements and at most as far as the inner wall of the protection tube, and which decoupling surface is conductively connected to the supporting tube or to a reflector of the dipole unit. <IMAGE>

IPC 1-7  
**H01Q 11/16**

IPC 8 full level  
**H01Q 11/16** (2006.01)

CPC (source: EP)  
**H01Q 1/521** (2013.01); **H01Q 11/16** (2013.01); **H01Q 21/10** (2013.01)

Cited by  
US5932500A; EP1746685A3

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**EP 0573971 A1 19931215; EP 0573971 B1 19960821; DE 4219165 A1 19931216; DE 59303476 D1 19960926**

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