

Title (en)  
Antenna

Title (de)  
Antenne

Title (fr)  
Antenne

Publication  
**EP 0718912 A1 19960626 (DE)**

Application  
**EP 95120274 A 19951221**

Priority  
DE 4446128 A 19941223

Abstract (en)  
The antenna has at least 3 individual elements lying parallel to one another, perpendicular to a given propagation direction, acting as a common radiator (S) with directors (D11, D12, D13; D21, D22, D23) arranged symmetrically on both sides of it, providing opposing propagation directions. A reflective surface provided by the antenna housing extends parallel to the given propagation direction and to the individual antenna elements, the latter provided via a planar technique on a common substrate (Sub).

Abstract (de)  
Techn. Problem:: Antennenanordnung für "Funkschlauch" (Häuserschlucht, Bahnlinie, Autobahn) soll gebündelt bidirektional strahlen. Stand der Technik:: Zwei getrennte Yagis, die getrennt zu montieren und separat zu speisen sind. Grundgedanke:: Gemeinsamer Strahler (S) mit Direktoren (D11, D12, D13; D21, D22, D23) auf beiden Seiten. Beispiel:: Strahler und beidseits davon Direktoren in planarer Technik auf gemeinsamem Substrat. Breitbandiger Strahlerdipol mit symmetrischer Einspeisung. Gehäuse als Reflektor parallel zum Substrat. Vorteil:: Leicht handhabbar, unauffällig, kostengünstig <IMAGE>

IPC 1-7  
**H01Q 19/30; H01Q 9/28**

IPC 8 full level  
**H01Q 9/28** (2006.01); **H01Q 19/30** (2006.01)

CPC (source: EP)  
**H01Q 9/285** (2013.01); **H01Q 19/30** (2013.01)

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Designated contracting state (EPC)  
DE ES FR GB IT SE

DOCDB simple family (publication)  
**EP 0718912 A1 19960626**; DE 4446128 A1 19960627; FI 956250 A0 19951222; FI 956250 A 19960624

DOCDB simple family (application)  
**EP 95120274 A 19951221**; DE 4446128 A 19941223; FI 956250 A 19951222