

Title (en)
Cable antenna structure

Title (de)
Kabelantenne

Title (fr)
Antenne-câble

Publication
EP 1696508 A1 20060830 (EN)

Application
EP 05004341 A 20050228

Priority
EP 05004341 A 20050228

Abstract (en)
The antenna apparatus, comprises a coaxial cable having a core conductive wire for feeding signal, a radiation unit coupled to the coaxial cable, wherein the material and character of the radiation unit is substantially the same with the one of the coaxial cable, wherein the length of the radiation unit is approximately $((1/4) + n) \times$ of an operation frequency of the antenna apparatus, wherein the n is an integer number that is greater than or equal to zero.

IPC 8 full level
H01Q 9/30 (2006.01)

CPC (source: EP)
H01Q 9/30 (2013.01)

Citation (search report)

- [X] WO 9810485 A1 19980312 - ERICSSON GE MOBILE INC [US]
- [X] DE 4321233 A1 19940505 - SIEMENS AG [DE]
- [X] DE 19726570 C1 19981224 - RETRONIKA GES FUER TELEKOMMUNI [DE]
- [A] US 2002175804 A1 20021128 - SAITO TAKESHI [JP]

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 1696508 A1 20060830

DOCDB simple family (application)
EP 05004341 A 20050228