

Title (en)  
Textile antenna

Title (de)  
Textilantenne

Title (fr)  
Antenne textile

Publication  
**EP 1630898 A1 20060301 (EN)**

Application  
**EP 04405541 A 20040831**

Priority  
EP 04405541 A 20040831

Abstract (en)  
The antenna comprises a flexible, electrically conductive ground plane and a flexible, electrically conductive antenna patch (1). Textile, non-conductive material is arranged between the ground plane and the antenna patch. The antenna is essentially characterized in that it provides circular polarization or nearly circular polarization, and that it comprises a microstrip feed line (1.2). The ground plane and the antenna patch are preferably made of conductive fabric.

IPC 8 full level  
**H01Q 1/27** (2006.01); **H01Q 9/04** (2006.01)

CPC (source: EP)  
**H01Q 1/273** (2013.01); **H01Q 9/0407** (2013.01)

Citation (search report)

- [X] WO 03075405 A1 20030912 - COMM RES LAB INDEPENDENT ADMIN [JP], et al
- [DA] TANAKA M ET AL: "Wearable microstrip antenna", IEEE ANTENNAS AND PROPAGATION SOCIETY INTERNATIONAL SYMPOSIUM. 2003 DIGEST. APS. COLUMBUS, OH, JUNE 22 - 27, 2003, NEW YORK, NY : IEEE, US, vol. VOL. 4 OF 4, 22 June 2003 (2003-06-22), pages 704 - 707, XP010649878, ISBN: 0-7803-7846-6
- [A] JAMES P S & HALL J R: "HANDBOOK OF MICROSTRIP ANTENNAS, Vol. 1 and 2", 1989, PETER PEREGRINUS LTD., LONDON, UK, ISBN: 0-86341-150-9, XP002315556 & EP 1492198 A1 20041229 - NAT INST INF & COMM TECH [JP]

Cited by  
CN109524768A; JP2010507457A; US10362972B2; WO2008012300A1; US10363363B2; US11724029B2; US10070810B2; US11234621B2; US9478852B2; US9912045B2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

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