

Title (en)

ELEMENTARY MICROSTRIP ANTENNA AND ARRAY ANTENNA

Title (de)

ELEMENTARE MIKROSTREIFENANTENNE UND GRUPPENANTENNE

Title (fr)

ANTENNE MICRORUBAN ÉLÉMENTAIRE ET ANTENNE RÉSEAU

Publication

**EP 3900113 A1 20211027 (FR)**

Application

**EP 19829574 A 20191219**

Priority

- FR 1873475 A 20181220
- EP 2019086495 W 20191219

Abstract (en)

[origin: WO2020127854A1] A microstrip-type elementary antenna (1) comprising a stack of layers, the elementary antenna being capable of being in a planar configuration in which the layers are substantially planar and perpendicular to a stacking axis (z) along which the layers are stacked, the stack comprising a first conductive radiating element (1) and an exciting device (B) coupled to the first radiating element (1) so as to allow the radiating element (1) to be excited in accordance with two orthogonal linear polarisations, the exciting device (B) comprising first, second, third and fourth conductive lines interposed between the first radiating element (1) and first and second power dividers (11, 21) along the stacking axis (z), the first power divider (11) and the second power divider (21) being coplanar.

IPC 8 full level

**H01Q 5/35** (2015.01); **H01Q 9/04** (2006.01); **H01Q 21/24** (2006.01)

CPC (source: EP)

**H01Q 5/35** (2015.01); **H01Q 9/0414** (2013.01); **H01Q 9/0457** (2013.01); **H01Q 21/24** (2013.01)

Citation (search report)

See references of WO 2020127854A1

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