

Title (en)

Radiating cable and method of manufacturing a radiating cable

Title (de)

Abstrahlendes Kabel und Verfahren zur Herstellung eines abstrahlenden Kabels

Title (fr)

Câble rayonnant et procédé de fabrication d'un câble rayonnant

Publication

**EP 3032637 A1 20160615 (EN)**

Application

**EP 14197835 A 20141213**

Priority

EP 14197835 A 20141213

Abstract (en)

The invention relates to a radiating cable (10) for radiating electromagnetic energy, comprising an outer conductor (12) surrounding a longitudinal axis (14) of the cable (10), wherein the outer conductor (12) comprises a plurality of apertures (120\_1, 120\_2) arranged along said longitudinal axis (14), wherein a first aperture (120\_1; 120\_5; 120a) comprises a first shape, and wherein a second aperture (120\_2; 120\_7) comprises a second shape, wherein said second shape is obtained by applying a transformation to said first shape of said first aperture (120\_1), wherein said transformation comprises mirroring said first shape at a second axis (14') which is substantially perpendicular to said longitudinal axis (14).

IPC 8 full level

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CPC (source: EP)

**H01Q 1/007** (2013.01); **H01Q 1/36** (2013.01); **H01Q 13/203** (2013.01)

Citation (search report)

- [X] FR 2096222 A5 19720211 - SUMITOMO ELECTRIC CO, et al
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- [A] EP 0087683 A1 19830907 - FRACARRO RADIOINDUSTRIE [IT]
- [A] EP 2169769 A1 20100331 - ALCATEL LUCENT [FR]
- [A] FR 1134384 A 19570410 - THOMSON HOUSTON COMP FRANCAISE

Designated contracting state (EPC)

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Designated extension state (EPC)

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