

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

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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]
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Designated contracting state (EPC)

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Designated extension state (EPC)

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