

Title (en)

RADIATION-EMITTING CABLE AND A RADIATION-EMITTING ELEMENT COMPRISED THEREIN

Title (de)

STRAHENEMITTIERENDES KABEL UND DARIN ENTHALTENES STRAHLENEMITTIERENDES ELEMENT

Title (fr)

CABLE RAYONNANT ET ELEMENT RAYONNANT FAISANT PARTIE DE CELUI-CI

Publication

EP 1860725 B1 20120815 (EN)

Application

EP 06716863 A 20060210

Priority

- RU 2006000052 W 20060210
- RU 2005104993 A 20050224
- RU 2005104991 A 20050224

Abstract (en)

[origin: EP1860725A2] The inventive radiation-emitting cable comprises a coaxial cable segment (1) and at least two radiation-emitting elements (5). Said radiation-emitting element is embodied in the form of an insert. The external conductor (4), dielectric layer (3) and the internal conductor of the coaxial cable segment (1) are provided with an opening which is embodied therein and used for tapping electromagnetic energy by means of said insert. The insert is made from an insulated wire segment whose one end is placed in the opening and the other end is arranged outside of the external conductor (4) of the coaxial cable segment (1) in such a way the electromagnetic energy is irradiated into environment. The electromagnetic energy tapping and irradiating device is embodied in the form of said radiation-emitting element (5).

IPC 8 full level

H01P 3/06 (2006.01); **H01B 11/18** (2006.01); **H01Q 13/18** (2006.01); **H01Q 13/20** (2006.01)

CPC (source: EP)

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Cited by

EP2658029A1; US2012326729A1; US9093755B2; US9041497B2; US9642290B2; US10136567B2

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