

Title (en)
INTERFERENCE FILTER AND LIGHTNING CONDUCTOR DEVICE

Title (de)
STÖRSCHUTZFILTER- UND BLITZSTROMABLEITER-EINRICHTUNG

Title (fr)
DISPOSITIF PARAFoudre ET FILTRE ANTIPARASITE

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Application
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Abstract (en)
[origin: WO2004004064A1] The invention relates to an interference filter and lightning conductor device (1) comprising an inner conductor (3) and a housing (2) which is arranged approximately coaxially in relation to said conductor. Connectors (7, 8) for connecting coaxial lines are provided at both ends of the housing (2). At least one pair of lines (5, 6) is arranged in a cavity (32), coaxially to the inner conductor (3), forming a connection between the inner conductor (3) and the housing (2). Said two lines (5, 6) are parallel and arranged at a distance from each other, the flow directions of the currents in the two lines (5, 6) being oriented away from each other. Said arrangement improves the grounding of interfering impulses or interfering signals, residual voltages and residual energies being largely eliminated.

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