

ABSTRACT

A contained jamming device and method arranged in a coverage zone in which there can be prohibited radio communication devices, the operation of which it is sought to prevent, characterized in that it comprises at least the following elements:

- at least one linear element (1) comprising a plurality of orifices O_i allowing the radiation of jamming signals, the linear antenna being linked to one or more effectors via a connector (3),
- said effector element or elements (2) generating, being adapted for injecting, at at least one end of the linear antenna (1), one or more jamming signals, the power flux $P_{J,f}$ of the jamming signal $J_{j,f}$ in the band $B_{j,f}$ of a carrier f is chosen such that the ratio $P_{S,j,f}/P_{J,f}$ between the power flux $P_{S,j,f}$ of the signal $S_{j,f}$ potentially usable by the prohibited device on the carrier f and the power flux $P_{J,f}$ of the signal J_f present on the carrier f to prevent the prohibited device from operating is below the operating threshold $Seuil_{S,j,f}$ of the prohibited device.

Figure 1 to be published