

Title (en)
COLLINEAR ANTENNA STRUCTURE WITH INDEPENDENT ACCESSES

Title (de)
KOLLINEARE ANTENNENSTRUKTUR MIT UNABHÄNGIGEN ZUGÄNGEN

Title (fr)
STRUCTURE ANTENNAIRE COLINÉAIRE À ACCÈS INDÉPENDANTS

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Application
EP 18749010 A 20180626

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Abstract (en)
[origin: WO2019002752A1] The invention relates to an antenna structure for transmitting and/or receiving waves with metric or decimetric frequency, characterised in that it comprises n collinear antennas, each antenna comprising a radiating portion comprising a first series of i radiating elements coaxial about a first axis, alternating with at least one additional series of i radiating elements coaxial about another axis, each antenna being independently powered by a coaxial cable, each antenna comprising at least one lower quarter wavelength trap and at least one higher quarter wavelength trap, at least one first antenna comprising at least one hollow core being configured to receive a coaxial cable intended for powering another antenna collinear with the first antenna, at least one intermediate quarter wavelength trap being arranged between two consecutive antennas that are collinear about a coaxial cable, and a terminal element.

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