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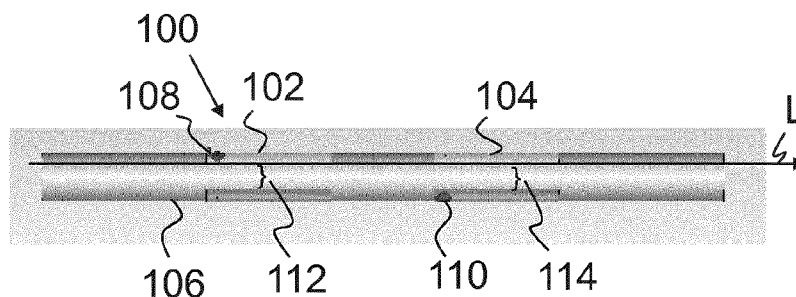


Figure 1a

(57) Abstract: There is provided an antenna arrangement (100) comprising at least two conductive sheet (102, 104) arranged around at least one ground plane (106) for transmitting radio signals from feeder cables on a transmission frequency band such that the antenna arrangement has a substantially omnidirectional radiation pattern and the antenna arrangement is configured to polarize the radio signals from a first feeder cable horizontally in a first radiation direction of the radiation pattern, polarize the radio signals from a second feeder cable vertically in a second radiation direction of the radiation pattern, polarize the radio signals from the first feeder cable and from the second feeder cable non-linearly in other radiation directions, whereby the non-linearly polarized radio signals from the first feeder cable and the second feeder cable are substantially orthogonal.

