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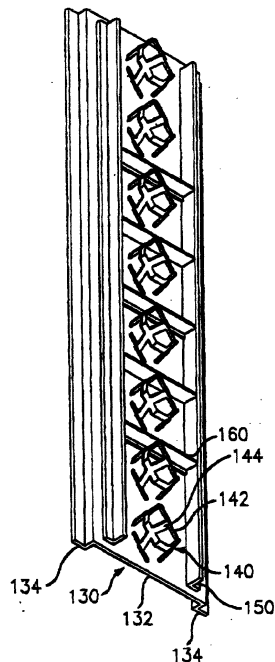
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Dual polarization directional antenna having choke reflectors for minimizing side lobe

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The present invention is to provide a dual polarization directional antenna having choke reflectors for minimizing side lobe, including, a first reflection means for reflecting radiation energy; a plurality of radiation means for radiating energy in order to develop dual-polarization, the radiation means being arranged on the first reflection means; a main-power divider being supplied electric power from outer side power source thereof and distributing the electric power to each of the radiation means in a predetermined ratio; a plurality of sub-power dividers for transmitting the electric power distributed by the main-power divider to each of the radiation means; and a plurality of second reflection means for filtering and reflecting the energy radiated from the radiation means, and the reflection means being disposed on the first reflection means.

FIG. 3A





European Patent
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