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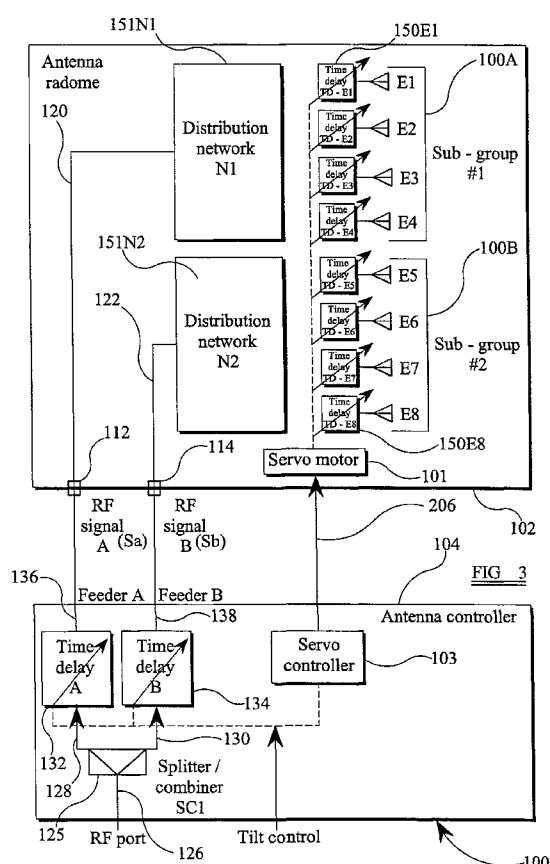
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(54) Title: ANTENNA SYSTEM



(57) Abstract: An antenna system (100) comprises an antenna assembly (102) having a plurality of elements (E1-En) mounted upon an antenna carrier and arranged in at least two sub-arrays (100A, 100B). Each sub-array includes one or more of said elements. The system also includes control means (104) arranged to electrically control the phase of signals supplied to at least one of said sub-arrays (100A, 100B) from a location remote from said antenna assembly (100), wherein said control means comprise first and second phase adjustment means (132, 134) for connection to a respective one of said sub-arrays (100A, 100B), thereby to adjust the phase of signals supplied thereto. An additional mechanical phase adjustment arrangement (150E1-150En) is provided for further adjusting the phase of signals supplied to each element (E1-En) of the antenna assembly (100).

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