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(54) Title: AUXILIARY DRAG FIELD ELECTRODES

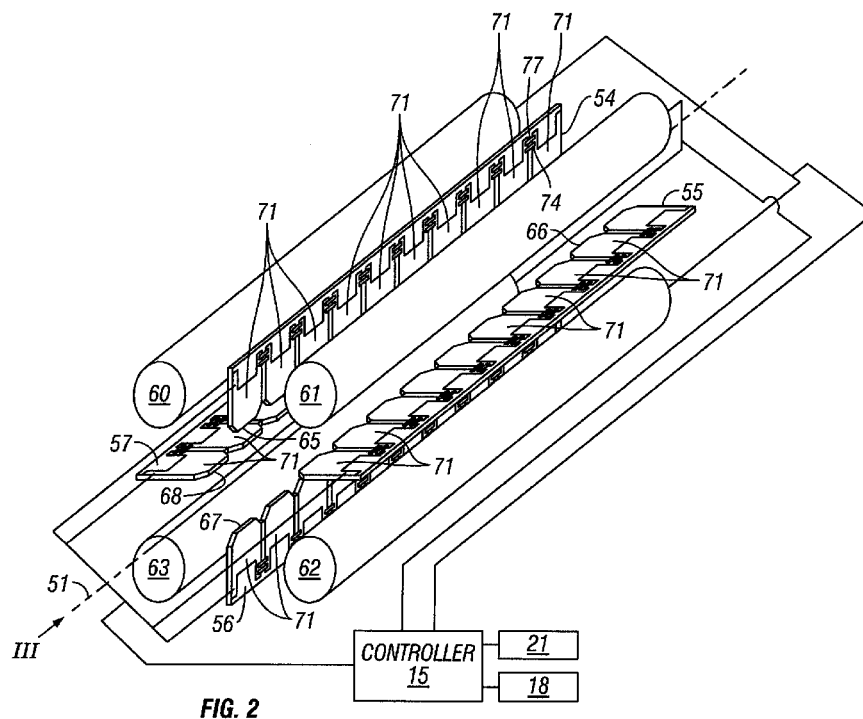


FIG. 2

(57) Abstract: Auxiliary electrodes for creating drag fields may be provided as arrays of finger electrodes on thin substrates such as printed circuit board material for insertion between main RF electrodes of a multipole. A progressive range of voltages can be applied along lengths of the auxiliary electrodes by implementing a voltage divider that utilizes static resistors interconnecting individual finger electrodes of the arrays. Dynamic voltage variations may be applied to individual finger electrodes or to groups of the finger electrodes.



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