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(54) **Title:** CAPACITIVE CABLE

(57) **Abstract:** A capacitive cable comprised six long, thin and narrow electrode plates or strips (101, 102, 103, 104, 105, 106). Typically they are 5km long, 10cm wide and 0.5mm thick of aluminium or copper foil. Individual ones of them are separated by 0.25mm thick polypropylene ribbons (107) insulating the individual strips from each other in an insulating manner. The assembly of strips and ribbons is contained within an insulating sheath 108. At opposite ends (111,112), the alternate strips are cut off short and the remaining fingers (114,115) are joined together and to connection wires (116,117), typically by riveting (118). The wires are insulated and the insulating sheath extends onto the insulation of the wires, whereby the entire cable is insulated for safe contact with foreign objects between the ends.



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