

Title (en)
MOTOR VEHICLE AERIAL SYSTEM

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Application
EP 87901567 A 19870304

Priority
GB 8605381 A 19860305

Abstract (en)
[origin: WO8705446A1] A heated window (2) of a motor vehicle is used as an aerial to receive and/or transmit vertically polarised VHF signals. The window (2) has heater wires (3, 13, 19) which run vertically along side each other between top and bottom bus-bars (4, 5, 17, 18, 23, 24). A linking and isolating circuit (25) is used to connect the wires to radio apparatus so that efficient VHF reception and/or transmission can be achieved at the same time as the window is heated by passage of dc power through the heater wires. The heater wires (3, 13, 19) may be tuned so as to resonate at the centre of the VHF band. Provision may also be made (35, 36) for isolating an AM signal. Preferably the vertical heater wires (13, 19) are connected to the bus-bars via inclined ends (15, 16, 21, 22) so that short bus-bars (17, 18, 23, 24) can be used.

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IPC 8 full level
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