

Title (en)
Improved antenna assembly

Title (de)
Verbesserte Antennenanordnung

Title (fr)
Ensemble d'antenne amélioré

Publication
EP 1837948 A1 20070926 (EN)

Application
EP 07104064 A 20070313

Priority
GB 0605670 A 20060322

Abstract (en)
An antenna assembly (1,50), a heated window incorporating such an antenna assembly and a method of heating such a window are disclosed. The antenna assembly (1,50) comprises at least two heating elements (3,5), each arranged to be in electrical communication with a direct current power supply. There is an antenna connection point (21,31) associated with each heating element that is in electrical communication with a respective heating element. An antenna decoupling means (24,34) is arranged to be in electrical communication on the one side with the antenna connection point and on the other side with a radio receiving means. There are means (19a,19b,29a,29b) of electrically isolating the heating element and the antenna connection point from the direct current power supply. At least one heating element is arranged to be in electrical communication with the direct current power supply via a smooth switching means, such as a MOSFET (37).

IPC 8 full level
H01Q 1/12 (2006.01)

CPC (source: EP)
H01Q 1/1278 (2013.01)

Citation (applicant)
• JP S5119741 A 19760217 - TOYO BOSEKI
• JP S6220401 A 19870129 - MAZDA MOTOR

Citation (search report)
• [XD] JP S6220401 A 19870129 - MAZDA MOTOR
• [A] DE 3618452 A1 19871203 - LINDENMEIER HEINZ [DE], et al
• [A] EP 0446684 A1 19910918 - FLACHGLAS AG [DE]

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

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