

Title (en)

Radar absorbing laminated glazing

Title (de)

Radarabsorbierende Verbundglasscheibe

Title (fr)

Vitrage feuilleté absorbant les radiations radar

Publication

EP 1039577 B1 20050720 (DE)

Application

EP 00105636 A 20000316

Priority

- DE 19913827 A 19990326
- DE 19929081 A 19990625

Abstract (en)

[origin: EP1039577A2] The panel has at least three connected glass layers (1-3) with a layer of parallel electrical conductors (A) near the outer panel and at a defined angle to the direction of polarisation of the incident electromagnetic radiation. Layers (A,B) of fibre-shaped conductors are arranged between the central panel (2) and the outer (1) and inner (3) panels and at a distance apart so that the components radiated inwards and outwards differ in phase by an integral multiple of a quarter wavelength of the incident radiation. The conductor separation in the outer conductor layer is less than or equal to that in the inner layer.

IPC 1-7

H01Q 17/00; **H01Q 15/24**; **E06B 3/66**; **E06B 5/18**

IPC 8 full level

E06B 5/18 (2006.01); **H01Q 15/24** (2006.01); **H01Q 17/00** (2006.01)

CPC (source: EP)

E06B 5/18 (2013.01); **H01Q 15/24** (2013.01); **H01Q 17/00** (2013.01)

Cited by

CN111900548A; CN103046849A; CN102561908A

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1039577 A2 20000927; **EP 1039577 A3 20030102**; **EP 1039577 B1 20050720**; AT E300103 T1 20050815

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