

Title (en)  
Electromagnetic shield

Title (de)  
Elektromagnetische Abschirmung

Title (fr)  
Ecran électromagnétique

Publication  
**EP 0902613 A2 19990317 (EN)**

Application  
**EP 98307263 A 19980908**

Priority  
JP 24374797 A 19970909

Abstract (en)  
A display screen filter is provided which effectively shields the electromagnetic waves emanating from the screen of a device, allows a large amount of visible light to penetrate, and causes the surface reflection of visible light to decrease. The filter, which is used as an electromagnetic shield, comprises a transparent substrate, an electroconductive lattice pattern and an electroconductive layer selected from: (i) an electroconductive layer comprising at least one metal layer and at least one dielectric layer, said metal and dielectric layers being arranged in alternating positions, and (ii) an electroconductive layer comprising at least one layer with a high refractive index and at least one layer with a low refractive index, said high-and low-refractive index layers being arranged in alternating positions.

IPC 1-7  
**H05K 9/00**; **H01J 17/16**

IPC 8 full level  
**H01J 17/16** (2006.01)

CPC (source: EP)  
**H01J 11/10** (2013.01); **H01J 11/44** (2013.01); **H01J 2211/446** (2013.01)

Cited by  
CN112423574A

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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