

Title (en)
BILLBOARD

Title (de)
BILLBOARD

Title (fr)
PANNEAU PUBLICITAIRE

Publication
EP 1508938 A1 20050223 (EN)

Application
EP 04713986 A 20040224

Priority
• JP 2004002135 W 20040224
• JP 2003077768 A 20030320

Abstract (en)
To enable a billboard to double as a film antenna, advertising characters 11a, 11b forming an advertising image are constituted by metal wire which defines the outer edges of the characters, and the advertising characters 11a, 11b are connected to each other by metal wire. A cold side antenna element 12 is formed on the film substrate 10 from metal wire around the advertising characters 11a, 11b and the outer periphery of the film substrate 10. The connected advertising characters 11a, 11b form a hot side antenna element 13, thus enabling the billboard 1 to operate as a film antenna. <IMAGE>

IPC 1-7
H01Q 1/38; **G09F 23/00**; **G09F 21/04**

IPC 8 full level
G09F 15/00 (2006.01); **H01Q 1/38** (2006.01); **G09F 21/04** (2006.01); **G09F 23/00** (2006.01); **H01Q 1/12** (2006.01); **H01Q 1/44** (2006.01)

CPC (source: EP KR US)
G09F 21/04 (2013.01 - EP US); **G09F 21/048** (2013.01 - KR); **H01Q 1/1271** (2013.01 - EP KR); **H01Q 1/38** (2013.01 - EP KR US); **H01Q 1/44** (2013.01 - EP KR)

Cited by
US7847753B2; US7656357B2; US7505005B2; WO2007084195A1

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 1508938 A1 20050223; **EP 1508938 A4 20060614**; CN 100429825 C 20081029; CN 1698235 A 20051116; JP 2004289393 A 20041014; KR 100995264 B1 20101119; KR 20060002709 A 20060109; TW 200419480 A 20041001; TW I288375 B 20071011; WO 2004084346 A1 20040930

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