

Title (en)  
Film antenna device

Title (de)  
Folienantennenvorrichtung

Title (fr)  
Antenne sur film.

Publication  
**EP 2634861 B1 20180530 (EN)**

Application  
**EP 13157120 A 20130228**

Priority  
JP 2012042677 A 20120229

Abstract (en)  
[origin: EP2634861A1] A film antenna device which is attached to an attachment object, including a film antenna unit which includes a film including a bonding surface on one side and an antenna element formed on the film; a circuit board unit which is electrically connected to the antenna element; a bonding member including a first and a second bonding surfaces wherein the first bonding surface is bonded to the circuit board unit and the second bonding surface is bonded to an end portion of the film antenna unit; and a case unit which houses the circuit board unit, the bonding member and the end portion of the film antenna unit, wherein the case unit includes a top case and a bottom case, and the bottom case includes a film antenna supporting unit which pushes the film antenna unit against the bonding member.

IPC 8 full level  
**H01Q 1/12** (2006.01); **H01Q 1/32** (2006.01)

CPC (source: EP)  
**H01Q 1/1271** (2013.01)

Cited by  
EP3447846A1; CN111164834A; EA039304B1; US11387549B2; WO2019038075A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**EP 2634861 A1 20130904; EP 2634861 B1 20180530**; JP 2013179510 A 20130909; JP 5929314 B2 20160601

DOCDB simple family (application)  
**EP 13157120 A 20130228**; JP 2012042677 A 20120229