

Title (en)  
Antenna cover

Title (de)  
Antennenabdeckung

Title (fr)  
Recouvrement d'antenne

Publication  
**EP 2618425 B1 20140611 (DE)**

Application  
**EP 12189032 A 20121018**

Priority  
DE 102012000762 A 20120118

Abstract (en)  
[origin: EP2618425A1] The antenna cover (1) has a metallic section (2) and a non-conductive section (5), where the non-conductive section fills an opening (3) formed in the metallic section. The circumference of the opening corresponds to the wavelength of electromagnetic waves in the material of the non-conductive section at the central frequency of the frequency range. The metallic section has the form of a plate and forms a section of a housing wall (6) of the processing machine. The housing wall limits the processing space. The opening has the form of a rectilinear slot or a long hole or a circular bore.

IPC 8 full level  
**H01Q 1/42** (2006.01); **H01Q 13/10** (2006.01)

CPC (source: EP)  
**H01Q 1/42** (2013.01); **H01Q 13/10** (2013.01)

Citation (examination)  
DE 102006026014 A1 20061214 - ZISSEL HARDY [DE]

Cited by  
GB2524815A; GB2524815B; US10967434B2; US9600759B2

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 2618425 A1 20130724; EP 2618425 B1 20140611**; DE 102012000762 A1 20130718

DOCDB simple family (application)  
**EP 12189032 A 20121018**; DE 102012000762 A 20120118