

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; US9600759B2; US10967434B2

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

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