

Title (en)

MAGNETIC SHIELDING FOR AN ANTENNA, USING A COMPOSITE BASED ON THIN MAGNETIC LAYERS, AND ANTENNA COMPRISING SUCH A SHIELDING

Title (de)

MAGNETISCHE ABSCHIRMUNG FÜR EINE ANTENNE, UNTER VERWENDUNG EINES VERBUNDSTOFFS AUF BASIS DÜNNER MAGNETISCHER SCHICHTEN, UND ANTENNE MIT SOLCH EINER ABSCHIRMUNG

Title (fr)

BLINDAGE MAGNETIQUE D'ANTENNE UTILISANT UN COMPOSITE A BASE DE COUCHES MINCES MAGNETIQUES ET ANTENNE COMPRENANT UN TEL BLINDAGE

Publication

EP 3008774 A1 20160420 (FR)

Application

EP 14731212 A 20140612

Priority

- FR 1355562 A 20130614
- EP 2014062250 W 20140612

Abstract (en)

[origin: WO2014198832A1] The invention relates to a magnetic shielding for an antenna, using a composite based on thin magnetic layers, comprising a plurality of films (22) respectively consisting of a thin magnetic layer having a thickness of between 1 and 10 µm deposited on a flexible electrically insulating substrate having a thickness of between 1 and 100 µm, said films being assembled into a multi-layer assembly in order to form a sheet having a thickness of between 10 et 1000 µm.

IPC 8 full level

G06K 19/077 (2006.01); **H01Q 1/22** (2006.01); **H01Q 17/00** (2006.01); **H05K 9/00** (2006.01)

CPC (source: EP US)

H01F 27/36 (2013.01 - EP US); **H01F 27/366** (2020.08 - EP US); **H01Q 1/2225** (2013.01 - EP US); **H01Q 1/526** (2013.01 - US); **H01Q 7/06** (2013.01 - US); **H01Q 17/00** (2013.01 - EP US); **G06K 19/07771** (2013.01 - EP US)

Citation (search report)

See references of WO 2014198832A1

Citation (examination)

- WO 2011068695 A1 20110609 - 3M INNOVATIVE PROPERTIES CO [US], et al
- US 2007221297 A1 20070927 - MATSUKAWA ATSUHITO [JP], et al
- US 2008303735 A1 20081211 - FUJIMOTO HIDETSUGU [JP], et al

Designated contracting state (EPC)

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