

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6632/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/07/2013

(43) Publication Date : 23/01/2015

(54) Title of the invention : RADAR TRANSPARENT COATING

(51) International classification :H01Q1/42,H01Q1/44,H01Q1/32
(31) Priority Document No :61/436665
(32) Priority Date :27/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/006545
Filing Date :23/12/2011
(87) International Publication No:WO 2012/100805
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)OERLIKON TRADING AG TRBBACH
Address of Applicant :Hauptstrasse 53 CH 9477 Tr¼bbach
Switzerland
(72)Name of Inventor :
1)KECKES Antal
2)SCHULER Peter
3)RIBEIRO Carlos

(57) Abstract :

The invention relates to a radar-transparent component comprising a plastic body. Said component is characterised in that at least parts of the surface have a coating with a thickness of between 10nm and 100nm that comprises a semiconductor. Said coating gives the plastic body the desired metallic appearance without the body losing the characteristic of a radar-transparent component.

No. of Pages : 11 No. of Claims : 11