

Title (en)
COATED SUBSTRATE HAVING A FREQUENCY SELECTIVE SURFACE

Title (de)
BESCHICHTETES SUBSTRAT MIT FREQUENZSELEKTIVER OBERFLÄCHE

Title (fr)
SUBSTRAT REVETU A SURFACE A SELECTION DE FREQUENCE

Publication
EP 1442497 B9 20090225 (EN)

Application
EP 02770641 A 20021022

Priority
• US 0233738 W 20021022
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Abstract (en)
[origin: WO03036758A1] A method of making a frequency selective surface in an electromagnetic energy attenuating coating having an electrical resistance, including the steps of defining a first marking field and a first marking tolerance; defining a second marking field and a second marking tolerance; marking selected portions of the coating within the first marking field to define a first pattern; marking selected portions of the coating within the second marking field to define a second pattern such that the first and second patterns are spaced from one another by a distance at least equal to a combined tolerance of the marking devices; and marking a strip of the coating between the first pattern and the second pattern with at least one connector segment in a manner that substantially increases the resistance of the coating strip. A coated substrate having a frequency selective surface, includes a substrate; an electromagnetic energy attenuating coating having a resistance deposited over at least a portion of the substrate; a first pattern marked in the coating; and a second pattern marked in the coating adjacent the first pattern, wherein the first pattern is separated from the second pattern by a strip of the coating configured to substantially increase the resistance of the coating strip.

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