

5 Abstract**METHOD OF ELECTRO-COATING AN ARTICLE**

10 A method for coating an article with a electro composite coating comprising the steps of:-
supplying a resin having a particulate material suspended therein to a main vessel from a
secondary vessel, said secondary vessel having a stirring means for maintaining the
particular material in suspension, immersing at least the surface of the article to be coated
in the main vessel and conducting electricity from a DC source through the solution and
the article to coat the solution and suspended particles onto the outer surface of the article,
15 removing the article from the main vessel and removing access coating materials from the
article, and curing the coating onto the article.

By controlling the process parameters a composite coating can be formed onto a substrate
by an electro-coating method.

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Figure 4