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(54) Title: CORROSION RESISTANT CARBON COATINGS



Figure 1A

Figure 1B



Figure 1C

Figure 1D

(57) Abstract: The invention provides substrates with a multi-layer coating, comprising in order: i) the substrate; ii) a seed layer; iii) a barrier layer deposited via a CVD method; and iv) a functional layer deposited via a PVD method, and methods of making such coatings. The coatings of the invention have been shown to possess good resistance to corrosion.

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