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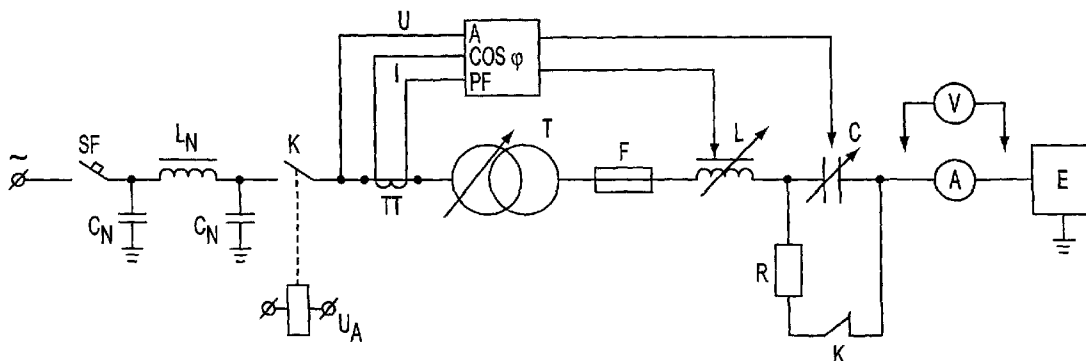
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(54) Title: COMPOSITE ARTICLE COMPRISING A CERAMIC COATING



(57) Abstract: A ceramic coating is formed on a conductive article by immersing a first anodic electrode, including the conductive article, in an electrolyte comprising an aqueous solution of alkali metal hydroxide and an alkali metal silicate, providing a second cathodic electrode in contact with the electrolyte, and passing an alternating current from a resonant power source through the first electrode and to the second electrode while maintaining the angle ϕ between the current and the voltage at zero degree, while maintaining the voltage within a predetermined range. The resulting ceramic coated article comprises a coating which includes a metal, silicon, and oxygen, wherein the silicon concentration increases in the direction from the article surface toward an outer surface of the ceramic coating surface layer.

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