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(54) Title: A WIRE COATING APPARATUS, SYSTEM AND METHOD

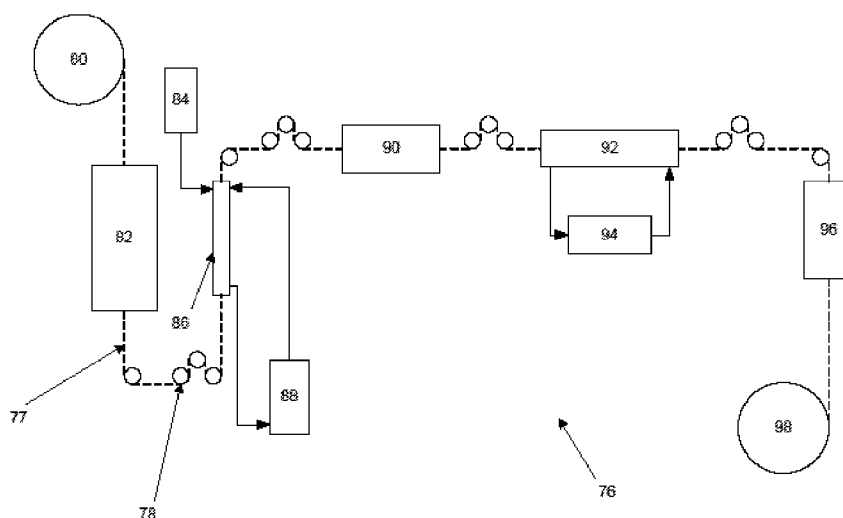


Figure 2

(57) Abstract: A wire coating device comprising: a chamber having an electrolytic fluid therein, said chamber arranged to allow the passage of a wire through said chamber; a magnetising device for applying a magnetic field to said wire; at least one anodic electrode within said chamber; a cathodic electrical connection in electrical communication with said wire; a grit supply for introducing a supply of metal coated grit into the chamber; wherein the wire is arranged to magnetically attract the metal coated grit, with the anodic electrode and cathodic wire arranged to electrolytically apply a metal coating to said wire to encase said metal coated grit.