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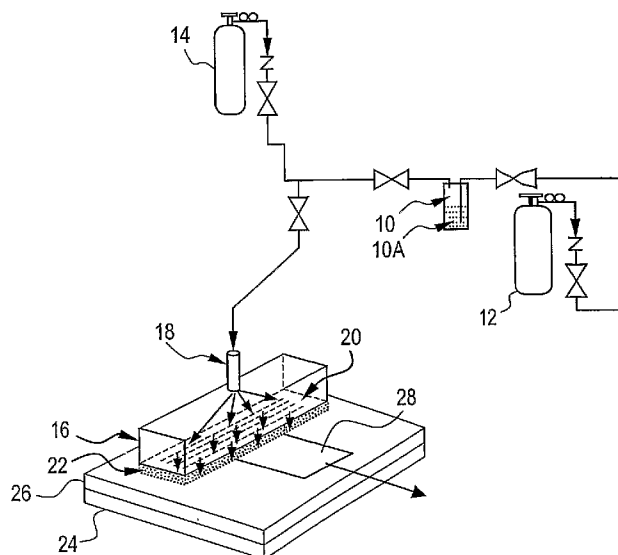
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(54) Title: ABRASION RESISTANT COATINGS BY PLASMA ENHANCED CHEMICAL VAPOR DEPOSITION



(57) Abstract: A process for preparing a multiple layer coating on the surface of an organic polymeric substrate by means of atmospheric pressure glow discharge deposition, the steps of the process comprising depositing a layer (first layer) of a plasma polymerized, optically clear, organosilicon compound and thereafter in a second step depositing a substantially uniform layer (second layer) of a polymeric siloxane or silicon oxide compound onto the exposed surface of said first layer, wherein the multiple layer coating has a thickness of at least 2.0 μm and an abrasion resistance demonstrating a change of 20 delta haze units or less after 500 Tabor cycles, measured according to ASTM D1044, CS10F wheels, 500 g weight.

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