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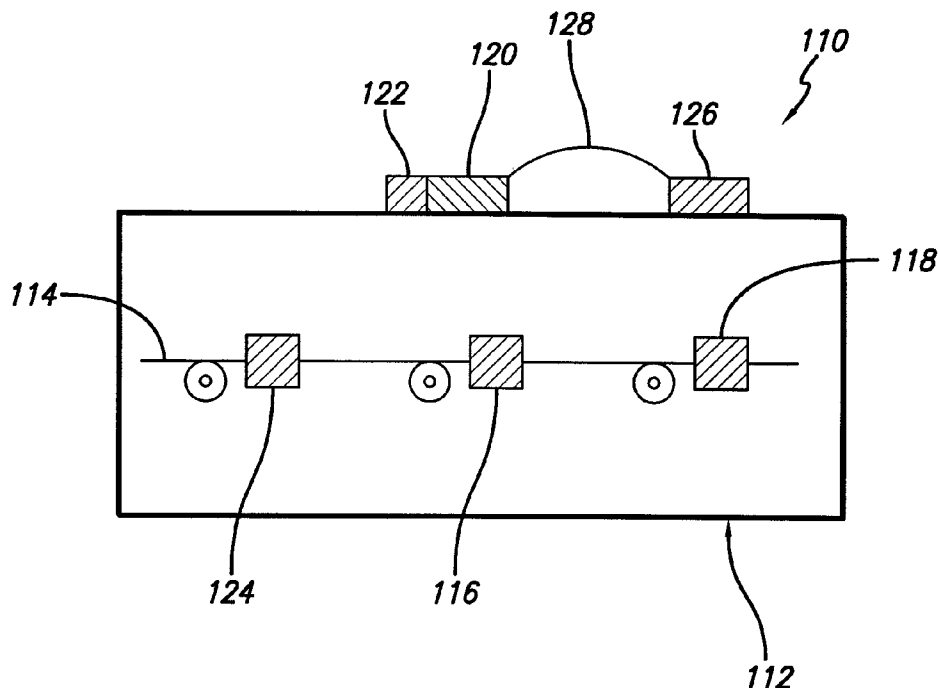
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(54) Title: METHOD AND DEVICE FOR MAKING TOBACCO SMOKE FILTERS



(57) Abstract: A composition useful for treating the substrate of a tobacco smoke filter. A tobacco smoke filter comprising one or more than one free porphyrin or one or more than one free metal phthalocyanine. A seamless tobacco smoke filter (80, 90) comprising a first segment and a second segment. A device (110) for making a tobacco smoke filter from tobacco smoke filter substrate comprising a rod maker machine (112) and an applicator (120) for applying one or more than one additive intermittently to the substrate in a plurality of spaced bands.

WO 2007/121439 A2



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