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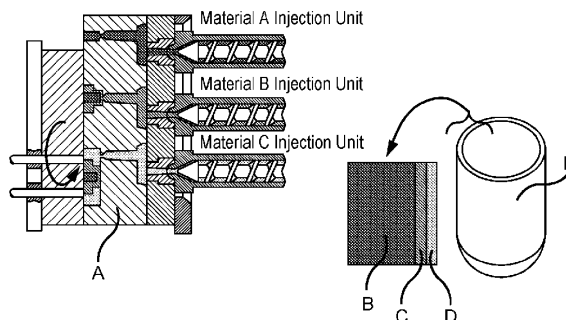
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(54) Title: MULTILAYER FILTER HOUSING



Sequential Injection Overmolding Schematic

A - Sequential Injection Overmolding Unit
B - Engineering Thermoplastic
C - Thermoplastic Elastomer
D - Fluoropolymer Resin
E - Example Molded Capsule

FIG. 2A

(57) Abstract: A filter housing having a hollow filter housing body having a housing inlet/outlet portion having an inlet port and an outlet port, and defining a fluid flow path between the inlet port and the outlet port, wherein the filter housing body comprises at least three layers, is provided. The hollow filter housing body comprises at least three layers: a first layer comprising perfluoroalkoxy alkane (PF A), a second layer comprising a thermoplastic elastomer, and a third layer comprising a thermoplastic.

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