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(54) **LAMINATED FIBER METAL COMPOSITE**

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(58) **Field of Classification Search**

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See application file for complete search history.

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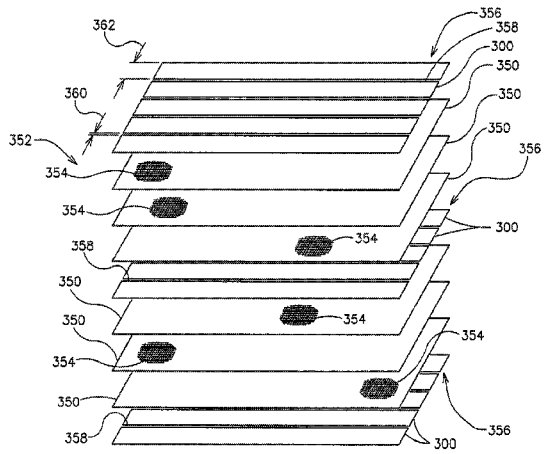
(57) **ABSTRACT**

A method comprises laying up a fiber ply of reinforcing fibers and a metal foil layer in a full face-to-face relation. The fibers in the fiber ply are oriented in a single direction. The metal foil layer includes a plurality of metal foil strips separated by gaps. The metal foil layer has substantially the same length and width as the fiber ply. The method further comprises infusing resin into the layup, wherein the resin flows through the gaps and infuses into the fibers.

12 Claims, 9 Drawing Sheets