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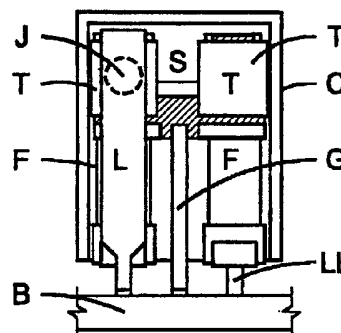
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Other: US: 361/119

(54) Abstract Title: **Telecom circuit protection apparatus**

(57) A telecom circuit protection apparatus includes a housing having at least first and second temperature responsive circuit protection devices, such as a fuse and a thyristor disposed therein. A first metal lead is connected to respective first terminals of the first and second circuit protection devices and is structured and arranged such as to transfer heat freely between the second circuit protection device and the first circuit protection device. A second metal lead is connected to a second terminal of the first device and a third metal lead is connected to a second terminal of the second device. The first, second and third metal leads extend from the housing.

Advantageously, the portions of the first, second and third metal leads extending from the housing have reduced cross-sections to reduce heat loss from the apparatus and are formed and made solderable for use as connection points for surface mount connection to the apparatus. To protect multiple service lines, a circuit protector is provided for each of them. In this case, the multiple circuit protectors may advantageously be collocated in a common housing having either a common or separate ground terminal(s).



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