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(57) **ABSTRACT**

An electrical device such as a power control apparatus comprises a case and at least one electrical component accommodated in the case. The case has a flow path for a cooling fluid. The flow path is formed between a bottom portion and a cover. The flow path is elongated generally along a U shape. The bottom portion and the cover are joined by welding. The cover is formed with protruding portions protruding into the flow path. The protruding portions have shapes to reduce stress concentration on welding portions. A stress caused by a pressure of the cooling fluid may acts on a distal end formed inside of the U shape in a concentration manner.

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