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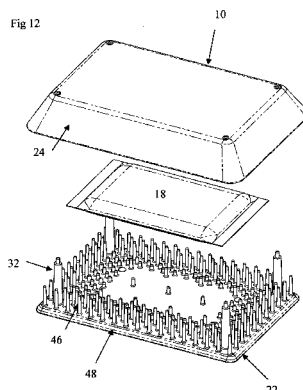
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(57) Abstract: The invention relates to an insect trap (10), which mimics certain characteristics of a mammal and comprises a housing comprising a base (22) and a cover (24). The pad generates an infrared heat source (14) and can also generate water vapour (16). The trap has an insect retention surface (18) and is characterized in that the cover is positioned over the base in a manner such that it defines an opening (50) around the base / cover interface (52). The opening has a depth (d) of less than 1.5cm and is sized and positioned such that at least one attractant signal (14', 16') is directed out of the opening in a manner allowing effective operation for at least 8 hours.