CLAIMS

1. A molded transformer provided with a fire extinguishing device, the molded transformer comprising:

a base;

a bottom frame disposed on the base;

top frame disposed to be supported over the bottom frame;

a steel core of which a lower portion is coupled to the bottom frame and an upper portion is coupled to the top frame;

secondary coils covered with an insulating material and receiving a portion of the steel core therein;

primary coils covered with an insulating material and receiving the secondary coils therein;

a case disposed adjacent to an outer side of one of the primary coils;

canisters disposed in the case and filled with fluid for extinguishing a fire; and

nozzles coupled to sections extending along the top frame of pipes connected to the canisters to spray the fluid for extinguishing a fire to the primary coils and the secondary coils,

wherein the nozzles spray the fluid to spaces between the primary coils and the secondary coils and between the outer sides of adjacent primary coils, and,

wherein the case is disposed at a longitudinal end of the bottom frame and the canisters are disposed opposite to one of the primary coils with the case therebetween.

2. The molded transformer of claim 1, wherein nozzle holes are formed in a predetermined area around a free end of the nozzles and the nozzles are inclined toward the spaces between the primary coils and the secondary coils and between the outer sides of adjacent primary coils.

3. The molded transformer of claim 1, wherein the case is formed in the shape of a hexahedron with a top and an opposite side to the primary coil open.

4. The molded transformer of any one of claims 1, 2 or 3, wherein specific pipes are further disposed along the bottom frame and nozzles for spraying the fluid from the canisters are coupled to the pipes.

5. The molded transformer of claim 4, wherein the canisters are positioned with inlets facing up.

6. The molded transformer of claim 4, wherein the pipes are arranged along both sides, respectively, of the top frame or the bottom frame and the nozzles are coupled to the pipes.

7. The molded transformer of claim 6, wherein nozzles for spraying the fluid to the space between the outer sides of the primary coils and nozzles for spraying the fluid to the spaces between the primary coils and the secondary coils are both coupled to each of the pipes.