

Title (en)
A SAFETY CUT-OFF DEVICE

Title (de)
SICHERHEITSTOPVORRICHTUNG

Title (fr)
DISPOSITIF A ARRET DE SECURITE

Publication
EP 1027558 B1 20020130 (EN)

Application
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Priority
DK 9700366 W 19970828

Abstract (en)
[origin: WO9911979A1] Safety cut-off devices using a thermoelectric voltage generated by a sensor in a flame are known. As long as the flame heats the sensor it generates a holding current for a magnetic valve. When the sensor cools down due to loss of flame, the valve closes as the holding current disappears. Such safety devices have a long time constant so that too much gas escapes after the flame has extinguished. The invention provides for a sensor with a small time constant which by means of a transistor controls a current generated by a series connection of thermoelements. In this manner a safer device is obtained.

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IPC 8 full level
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