

ABSTRACT**METHOD AND DEVICE FOR DETECTING HOT POINTS IN A
FACILITY, ESPECIALLY FOR DETECTING LEAKS IN AIR
DUCTS**

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The method uses at least:

- one line (22) made up of at least two conductors insulated by a material whose insulation impedance (24) depends locally on the temperature, said line running through said installation ;
 - a reflectometer (21) periodically transmitting a reflectometry signal at one end of said line, said signal being propagated along said line, said reflectometer measuring the echoes received and comparing the amplitudes of said echoes with a given reference ;
- 15 a hot spot being detected when the amplitudes of a given number of successive echoes are greater than said given reference, said echoes being provoked by a local reduction of the value of said insulation impedance (24).

Figure 2