

[Document name] Abstract

[Summary]

[Problem]

Since fluid objects, such as smoke, may spread to a
5 place away from a fire outbreak place being a source, when
fire detection is performed using detection of the smoke,
it may happen that a fire source is disregarded or a fire
cannot be detected in a case where the source is hidden.
Even when the fire is detected, time and effort required to
10 adjust an imaging range arise for the workers at the spot,
which affects early enforcement of firefighting activities.

[Solution]

A fluid analyzing device according to the present
invention calculates a region of fluid object, such as
15 smoke, and a source of fluid object using a motion feature
quantity of a video. Relevance of timing at which
existence of smoke is detected is calculated using the
calculated information. When the timing is non-relevant,
the fluid analyzing device generates a control command to
20 move a video input device, and adjusts the imaging range of
the video input device. When it is determined that the
timing is relevant, and at the same time, smoke is detected,
the fluid analyzing device is characterized by presenting
the existence of smoke and at least one or more pieces of
25 information of attributes, such as the region and the

source of fluid object.

[Selected Figure] Figure 12