

Title (en)

DETECTION DEVICE AND METHOD FOR DETECTING FIRES AND/OR SIGNS OF FIRE

Title (de)

DETEKTIONSVORRICHTUNG SOWIE VERFAHREN ZUR DETEKTION VON BRÄNDEN UND/ODER VON BRANDMERKMALEN

Title (fr)

DISPOSITIF ET PROCÉDÉ DE DÉTECTION D'INCENDIE ET/OU DE SIGNES CARACTÉRISTIQUES D'INCENDIE

Publication

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Application

**EP 08874014 A 20081121**

Priority

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Abstract (en)

[origin: WO2009129870A1] Fire detector installations comprise fire detectors as sensor devices for detecting fires, smoke, flames or other signs of fire, and are used in both public buildings, such as schools or museums, and in private buildings. The invention relates to a detection device (1) for detecting fires and/or signs of fire in an area to be monitored, said detection device comprising an image-producing sensor element (2) for emitting image data, and an optical element (3) mounted upstream of the sensor element (2), which together form a camera system (6) for monitoring the area to be monitored. The detection device also comprises an evaluation element (8) designed to detect fires or signs of fire in the area to be monitored by evaluating the image data. The optical element (3) is arranged and/or embodied in such a way that the field of vision (4) of the camera system has a maximum viewing angle alpha of at least 120°, preferably at least 150°, and especially at least 180°, in at least one plane which is coplanar to the direction of observation (5) of the camera system (6).

IPC 8 full level

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