

DOOR STATE MONITORING BY MEANS OF THREE-DIMENSIONAL SENSOR

Abstract

Device for monitoring a lift door (12, 13, 14, 15) with a sensor (9) for detecting three-dimensional image information (16). The device comprises processing equipment designed in such a manner that the image information of detected images can be evaluated in order to recognise a deviation between the two images and thus to enable monitoring of the lift door (12, 13, 14, 15). The sensor (9) is a three-dimensional semiconductor sensor for detecting three-dimensional image information. It comprises a light source (10) which is mounted in the region of the lift door (12, 13, 14, 15), which is to be monitored, in such a manner that the lift door (12, 13, 14, 15) is disposed at least partly in the illuminated region (17) of the light source (10). In addition, the sensor (9) comprises a sensor group (11) which is mounted in the region of the lift door (12, 13, 14, 15), which is to be monitored, in such a manner that it receives reflected light.

(Fig. 3B)

