Abstract

The invention describes a passenger transport system (1) in the form of an escalator (3) or a moving walkway and a method for operating said passenger transport system. The passenger transport system has a transition region (5) in which a moving conveyor belt (7) adjoins a stationary floor plate (11) provided with a comb plate (9). The passenger transport system (1) additionally has an object detection device (13) for detecting objects (15) in a monitoring volume (17). The monitoring volume (17) is located in the transition region (5) above a tread surface plane (19) and at a defined vertical distance (DH) therefrom, wherein the object detection device (13) is configured and arranged on the passenger transport system (1) so as to monitor the monitoring volume (17) contactlessly and three-dimensionally with respect to the position and extent of at least one object (15) located therein and to exclude surrounding neighboring volumes (27) outside the monitoring volume (17) from the monitoring process. This can simplify the process of monitoring the transition region of the passenger transport system.

(Fig. 2)