

Abstract

The invention relates to a method (45) for inspecting the comb plate region (27) of an escalator (1) or moving walkway by means of a mobile inspection device (40). In the execution of the inspection method (45), a 3-D recording (53) of the comb plate region (27) is captured by means of an imaging depth sensor (46) of the mobile inspection device (40), a scaled and rectified 3-D surface image (53) is extracted therefrom, the 3-D surface image (53) is spatially combined with a virtual 3-D model (55) of the comb plate region, and a height (h) of a comb gap (33) between a tread surface (21) imaged in the 3-D surface image (53) and a surface (61) of the comb underside (34) in the virtual 3-D model (55) is determined. The determined height (h) is compared with limit specifications ($h_{\min}$, $h_{\max}$) for the height (h) of the comb gap (33), and an information signal (H_{Si}) is output if the determined height (h) deviates from the limit specifications ($h_{\min}$, $h_{\max}$).

Fig. 5