

Abstract

The invention relates to a disinfecting device (41, 42) for disinfecting a movable surface of a passenger transport system (1). The disinfecting device (41, 42) has a housing (51) with an interior (61) and at least one radiation source (43) arranged in the interior (61),
5 wherein the radiation source (43) can emit germicidal electromagnetic radiation, and wherein a side wall (53, 55, 57, 59), facing the radiation source (43), of the housing (51) is designed as a radiation-transmissive side wall (57). The disinfecting device (41, 42) also has a device (71), arranged in the interior (61) of the housing (51), and at least one
10 radiation measurement sensor (81), wherein the device (71) is arranged between the at least one radiation source (43) and the radiation-transmissive side wall (57), and wherein the device (71) allows sufficient detection by the radiation measurement sensor (81) of a portion of the radiation emitted by the at least one radiation source (43).

15 (Fig. 4)