

Abstract

A method (100) and a device (1) for monitoring a state of a physical passenger transport system (2) are described. The method (100) includes monitoring the state of the passenger transport system (2) using an actualized digital replica dataset (102) which reproduces characterizing properties of components of the passenger transport system (2) in an actual configuration in a machine-processable manner after assembly and installation thereof in a building (5). At least one detection device (200) is arranged in the physical passenger transport system (2) and detects changes in at least one characterizing property that occur due to wear on a traveling physical component (7, 11, 31, 36) of the physical passenger transport system (2). These changes are transmitted to the ADRD (102), wherein changes and change trends in the components are monitored and evaluated by means of the ADRD (102) using calculations and/or using static and dynamic simulations.

(Fig. 1)