

Abstract

ARRANGEMENT AND METHOD FOR INSPECTING AN OBJECT, IN PARTICULAR A
CONSTRUCTION

The invention relates to an arrangement (1) for inspecting an object (2), in particular a building (2), comprising a mobile measuring unit (13) for determining a measured value associated with the object (2), in particular by a user in situ (10). In this case, the measuring unit (13) has an interface for interchanging data with further units (12, 14-17) of the arrangement (1). The arrangement also comprises a base unit (3; 12) in which data records transmitted by the measuring unit (13) can be stored and can preferably be visually displayed and which has an interface for interchanging data with further units (13-17) of the arrangement (1). There is also a detection means (14) for detecting a measurement position (32), at which the measured value is determined, and/or a measurement time at which the measured value is determined, wherein a measured value determined by the measuring unit (13) can be transmitted, at least together with a measurement position and/or measurement time detected by the detection means (14), as a data record to the base unit (3; 12). In this case, the mobile measuring unit (13) is designed to determine measured values for an internal structure and/or an internal state of components (8), in particular inaccessible components, of the object (2) in a non-destructive manner. The invention also relates to a method for inspecting an object (2).

Figure 1