

Measuring Device and Method for Determining a Pressure Map

Abstract

5 The invention relates to a measuring device for determining a pressure map during application of pressure to at least one measurement layer (3) between a first pressure body (5) and a second pressure body (6) with the following:

- at least one transmitter (7) located on one peripheral edge (3u) of the measurement layer (3) for emission of signals in the form of electromagnetic waves along a first signal route
10 which runs through the measurement layer (3) and at least one other signal route which runs through the measurement layer (3),
- at least one receiver (8) located on the peripheral edge (3u) for reception of the signals (9) of the first signal route and other signal route(s), which signals are sent by the transmitter through the measurement layer (3) and can be changed when pressure is applied.

15 Furthermore this invention relates to a corresponding method.

[Fig. 2]