Title (en)

SYSTEM ZUR DURCHFÜHRUNG EINER BERÜHRUNGSLOSEN MESSUNG AN EINER PROBE UND PROBENTRÄGER

Title (de)

SYSTEM ZUR DURCHFÜHRUNG EINER BERÜHRUNGSLOSEN MESSUNG AN EINER PROBE UND PROBENTRÄGER

Title (fr)

SYSTÈME DE RÉALISATION D'UNE MESURE SANS CONTACT SUR UN ÉCHANTILLON ET PORTE-ÉCHANTILLON

Publication

EP 2895268 B1 20170329 (DE)

Application

EP 13783510 A 20131021

Priority

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- EP 2013071952 W 20131021

Abstract (en)

[origin: WO2014064040A1] A sample carrier (14) is used for performing contactless measurement on a sample (12), on which sample carrier the heating tracks (20) on the substrate (15) form a parallel circuit between the first and the second heating terminal (16, 18), such that when a sample (12) placed on the sample carrier (14) is heated by application of a voltage between the first and the second heating terminal (16, 18) the heating properties of the sample carrier (14) are not impaired even if isolated breaks are present in the heating tracks (20) because of process variations in the production of the heating tracks (20) for instance. In one example of a sample carrier (14), the density of the heating tracks (20) increases from the centre of the substrate (15) area outwards. In this way, it is possible to avoid the otherwise frequently occurring inhomogeneities in the heating profile across the substrate (15), according to which the heating generally declines towards the edge of the substrate (15).

IPC 8 full level

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