

Title (en)

SENSOR AND TOUCH SCREEN WITH ENVIRONMENTAL COMPENSATION, ESPECIALLY FOR TEMPERATURE

Title (de)

SENSOR UND BERÜHRUNGSBILDSCHIRM MIT UMGEBUNGSKOMPENSATION, INSBESONDERE DER TEMPERATUR

Title (fr)

CAPTEUR ET ÉCRAN TACTILE À COMPENSATION ENVIRONNEMENTALE, NOTAMMENT EN TEMPÉRATURE

Publication

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Application

EP 18700296 A 20180114

Priority

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- FR 1770047 A 20170114

Abstract (en)

[origin: WO2018130672A1] The invention relates to a compensated pressure or force sensor, especially for temperature, characterised in that the sensor comprises: a. a substrate (401); b. on one side of the substrate, a first assembly of multilayer nanoparticles (200) between two electrodes; c. on the same side of the substrate, near the first assembly, a second assembly of monolayer nanoparticles (100) between two electrodes; d. an electronic circuit capable of measuring the variation of an electrical property of the first and second nanoparticle assemblies and combining said measurements. The invention also relates to a touch screen using such a sensor.

IPC 8 full level

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Citation (search report)

See references of WO 2018130672A1

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DOCDB simple family (publication)

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