

Title (en)

METHOD OF MULTI-ZONE CAPACITIVE SENSING, DEVICE AND APPARATUS IMPLEMENTING THE METHOD

Title (de)

VERFAHREN FÜR MEHRZONIGE KAPAZITIVE ERFASSUNG SOWIE VORRICHTUNG UND MASCHINE ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)

PROCEDE DE DETECTION CAPACITIF MULTIZONE, DISPOSITIF ET APPAREIL METTANT EN OEUVRE LE PROCEDE

Publication

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Application

EP 14724650 A 20140409

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Abstract (en)

[origin: WO2014170180A2] The present invention concerns a method of capacitive sensing, implementing a plurality of electrodes (5, 7) capable of enabling the detection of objects (1) in the vicinity of same by capacitive coupling, and comprising a step of simultaneously polarising at least one portion of said electrodes (5, 7) with different excitation potentials, said excitation potentials being generated relative to a reference potential such that the scalar product over a predefined period of at least two of these excitation potentials is zero or much lower than the scalar product of one and/or the other of these excitation potentials with same over said predefined period. The invention also concerns a device and an apparatus implementing the method.

IPC 8 full level

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Citation (search report)

See references of WO 2014170180A2

Citation (examination)

- WO 2012063520 A1 20120518 - SHARP KK [JP], et al
- US 2011248941 A1 20111013 - ABDO SAMER [CH], et al
- EP 2477101 A2 20120718 - SAMSUNG ELECTRONICS CO LTD [KR]

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