

Title (en)
CAPACITIVE GESTURAL INTERFACE WITH MEASUREMENT MODE SWITCHING

Title (de)
KAPAZITIVE GESTENSCHNITTSTELLE MIT MESSMODUSUMSCHALTUNG

Title (fr)
INTERFACE CAPACITIVE GESTUELLE A COMMUTATION DE MODE DE MESURE

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Application
EP 12708879 A 20120130

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Abstract (en)
[origin: WO2012114008A1] The invention relates to a control-interface device, including : (i) a plurality of capacitive electrodes arranged so as to cover a detection surface; (ii) an electronic capacitive-measurement means capable of producing information on a distance and/or contact between at least one control object and capacitive electrodes; and (iii) a switching means capable of configuring said electronic capacitive-measurement means so as to enable direct capacitance measurements, as well as measurements of the variation in coupling capacitances. The electronic capacitive-measurement means at least partially references a floating reference electrical potential during the direct capacitance measurements. The invention also relates to a method implemented in said device or in an apparatus.

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