

Title (en)
PRESENCE DETECTION BY MEANS OF A CAPACITIVE SENSOR

Title (de)
DETEKTION VON ANWESENHEIT MIT KAPAZITIVEM SENSOR

Title (fr)
DETECTION DE PRESENCE PAR CAPTEUR CAPACITIF

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Application
EP 04722576 A 20040323

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Abstract (en)
[origin: WO2004085970A2] The invention relates to a presence detector (1) of the capacitive type, comprising at least one detector electrode (3), forming part of a capacitor (5), the capacitance (Cx) of which will vary with the approach of an object or part of the body of a user and a charging unit (9) for the capacitor applying cycles of charge to said capacitor (5). The sensor further comprises means (11) for the measurement of a parameter, the variation of which reflects a variation in the charging current for the capacitor (5) and, connected to said measuring means (11), an extraction unit (13) for said parameter, for determination of a change in the capacitance of the capacitor (5) from the variation in said parameter between the successive cycles of charging the capacitor, following an approach of an object or a part of the body of a user.

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Citation (search report)
See references of WO 2004085970A2

Citation (examination)
US 5554973 A 19960910 - KAWASHIMA KAZUNORI [JP], et al

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