Title (en)

METHOD FOR DETECTING AN OBJECT OF INTEREST IN A DISRUPTED ENVIRONMENT, AND GESTURE INTERFACE DEVICE IMPLEMENTING SAID METHOD

Title (de)

VERFAHREN ZUR ERKENNUNG EINES BESTIMMTEN OBJEKTS IN EINER UNTERBROCHENEN UMGEBUNG UND GESTENSCHNITTSTELLE ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)

PROCEDE DE DETECTION D'OBJET D'INTERET DANS UN ENVIRONNEMENT PERTURBE, ET DISPOSITIF D'INTERFACE GESTUEL METTANT EN OEUVRE CE PROCEDE

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Application

EP 11817321 A 20111028

Priority

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Abstract (en)

[origin: WO2012062983A1] The present invention relates to a method for detecting an object or objects of interest moving in an environment. Said method implements at least one capacitive coupling measurement electrode with said object or objects of interest and with one or more other so-called "disrupting" objects present in said environment. Said method includes, for at least one of said measurement electrodes, steps of: (i) measuring the total capacity between said measurement electrode and said environment; (ii) storing said total capacity; (iii) calculating a leakage capacity due to said disrupting objects on the basis of predetermining a minimum value within a history of pre-stored total capacity measurements; (iv) calculating a capacity of interest due to said objects of interest while subtracting said leakage capacity from the total measured capacity; and (v) processing said thus-calculated capacity of interest so as to produce information for detecting said object or objects of interest. The invention also relates to a device implementing said method.

IPC 8 full level

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CPC (source: EP KR US)

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