

Title (en)  
DEVICES FOR SENSING THE PRESENCE OF AN OBJECT IN A STORAGE COMPARTMENT, PARTICULARLY A MINIBAR, AND REMOTE DATA COLLECTION SYSTEM THEREFOR

Title (de)  
VORRICHTUNG ZUM FÜHLEN DER ANWESENHEIT EINES OBJEKTES IN EINEM AUFBEWAHRFACH, INSBESONDERE EINER MINIBAR UND FERNDATENERFASSUNGSSYSTEM HIERFÜR

Title (fr)  
DISPOSITIFS DETECTEURS DE PRESENCE D'OBJET DANS UNE ENCEINTE DE STOCKAGE, NOTAMMENT UN MINI-BAR, ET SYSTEME DE TELECOLLECTE ASSOCIE

Publication  
**EP 0868131 B1 19990922 (FR)**

Application  
**EP 96934918 A 19961016**

Priority  

- FR 9601612 W 19961016
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Abstract (en)  
[origin: US6107928A] PCT No. PCT/FR96/01612 Sec. 371 Date Apr. 10, 1998 Sec. 102(e) Date Apr. 10, 1998 PCT Filed Oct. 16, 1998 PCT Pub. No. WO97/14335 PCT Pub. Date Apr. 24, 1997A device (1, 100) for sensing the presence of an object in a storage compartment (40), particularly a minibar. The device (1, 100) includes a set of capacitive sensing modules (3) each comprising two electrodes (5, 6) adjacent to a holder for an object (46), and an oscillating circuit including the capacitance between the electrodes (5, 6). The device (1, 100) further includes electronic processing which interacts with each capacitive sensing module in order to output sensing signals indicating the presence or absence of objects on each holder, and to provide a capacitive signature of the objects. The device is useful in storage equipment, particularly in hotels.

IPC 1-7  
**A47B 69/00**; G08B 13/14

IPC 8 full level  
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CPC (source: EP US)  
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**US 6107928 A 20000822**; AT E184762 T1 19991015; DE 69604421 D1 19991028; DE 69604421 T2 20000511; EP 0868131 A1 19981007; EP 0868131 B1 19990922; FR 2739956 A1 19970418; FR 2739956 B1 19980109; WO 9714335 A1 19970424

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