

Title (en)
Concealable proximity detector.

Title (de)
Versteckbarer Näherungsdetektor.

Title (fr)
Détecteur de proximité dissimulable.

Publication
EP 0334531 A1 19890927 (EN)

Application
EP 89302494 A 19890314

Priority
GB 8806734 A 19880322

Abstract (en)
A concealable proximity detector for detecting the approach of matter towards a target (1) (e.g. a room or doorway) and especially useful in intruder detection systems. The detector employs a capacitor which uses as its first electrode (51) a coat (2) of electrically conductive paint applied to the target which is concealed beneath or as part of the decoration of the target. The capacitor uses as its second electrode a (preferably earthed) surface (4) which is part of the surroundings of the first electrode (e.g. a floor or pavement) and which is therefore also inconspicuous. The capacitor and switching means serve as part of a proximity switch operable in response to the change in dielectric between the capacitor electrodes which occurs when an intruder in contact with the second electrode surface approaches the painted surface.

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IPC 8 full level
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CPC (source: EP)
G08B 13/26 (2013.01)

Citation (search report)
NO RELEVANT DOCUMENTS HAVE BEEN DISCLOSED

Cited by
US6741163B1; US5764145A; ES2376453A1; US7489142B2; WO2011104407A1; WO9962040A1; WO2018021919A1

Designated contracting state (EPC)
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