

Title (en)
OBJECT DETECTOR.

Title (de)
AUFSPÜREN VON GEGENSTÄNDEN.

Title (fr)
DETECTEUR D'OBJETS.

Publication
EP 0165256 A4 19860924 (EN)

Application
EP 84904069 A 19841108

Priority
AU PG230383 A 19831109

Abstract (en)
[origin: GB2160661A] Object detector for detecting studs within walls having an oscillator (G1, R1, R2, D1, C1) with a capacitance (C1) which is cyclically charged and discharged. An electrode (14) is coupled to the oscillator and arranged to produce an electric field therearound. This field is partially discharged when an object is brought near the electrode to vary the output of the oscillator to permit detection of the object. In one specific form there are two oscillators, the outputs of these being variably influenced by introduction of the object near the electrode. <IMAGE>

IPC 1-7
G01V 3/08

IPC 8 full level
G01V 3/08 (2006.01)

CPC (source: EP)
G01V 3/088 (2013.01)

Citation (search report)

- [AD] US 4099118 A 19780704 - FRANKLIN ROBERT C, et al
- See references of WO 8502268A1

Designated contracting state (EPC)
AT BE CH DE FR LI LU NL SE

DOCDB simple family (publication)
GB 2160661 A 19851224; GB 2160661 B 19870211; GB 8515989 D0 19850731; CA 1229673 A 19871124; EP 0165256 A1 19851227; EP 0165256 A4 19860924; JP S61500379 A 19860306

DOCDB simple family (application)
GB 8515989 A 19841108; CA 467682 A 19841109; EP 84904069 A 19841108; JP 50429184 A 19841108