

Title (en)

Transmit-receive device for a presence-detecting radar, and method of making it.

Title (de)

Sende-Empfangeinrichtung für ein Radar zur Anwesenheitswahrnehmung und Verfahren zur Herstellung.

Title (fr)

Dispositif d'émission-réception pour radar de détection de présence, et procédé pour le réaliser.

Publication

**EP 0131328 A1 19850116 (FR)**

Application

**EP 84200939 A 19840629**

Priority

FR 8311005 A 19830701

Abstract (en)

1. A radar transmission-receiving arrangement, comprising a so-called "Doppler" module, having an aperture through which the actual transmission and reception are effected, a partially reflecting dielectric sheet and a dielectric lens which is positioned at a predetermined distance from the dielectric sheet by mechanical means being placed in front of the aperture of the module, characterized in that the partially reflecting sheet and said mechanical means are constituted by a foam block, which has a first plane face arranged in front of the aperture of the "Doppler" module and a second plane face parallel to the first face, against which the dielectric lens is placed.

Abstract (fr)

Dans un mini radar de détection de présence une plaque partiellement réfléchissante est placée devant l'orifice d'un dispositif émetteur-récepteur (1) et, en avant de cette plaque est disposée une lentille (7) qui est destinée à accroître la directivité du système. Un bloc de mousse (9) rigide assure à lui seul la fonction de plaque semi-réfléchissante (5) et la tenue mécanique de la lentille.

IPC 1-7

**H01Q 19/08**; **H01Q 19/185**

IPC 8 full level

**H01Q 15/02** (2006.01); **G01S 7/02** (2006.01); **G01S 7/03** (2006.01); **H01Q 19/08** (2006.01); **H01Q 19/185** (2006.01)

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**H01Q 19/08** (2013.01); **H01Q 19/185** (2013.01)

Citation (search report)

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