

Title (en)

Low-noise block-down receiver with an improved housing structure

Title (de)

Rauscharmer Abwärtsumsetzerblockempfänger mit verbesserter Gehäusestruktur

Title (fr)

Récepteur bloc convertisseur à faible bruit ayant une structure de boîtier améliorée

Publication

**EP 1006607 A3 20010404 (EN)**

Application

**EP 99400790 A 19990331**

Priority

CN 98249216 U 19981203

Abstract (en)

[origin: EP1006607A2] A low-noise block-down receiver (LNB) with an improved housing structure according to the invention is disclosed. The low-noise block-down receiver includes a signal processing circuit and a housing which is used to contain the processing circuit and functions as a horn and a wave guide. The housing is made of plastic material and has an inner surface plated with a metal plating film which has a better electric conductivity and is suitable for conducting microwave. Thus, the housing can efficiently conduct microwaves and prevent both signal leakage and outside noise interference. The low-noise block-down receiver has an improved housing structure instead of the conventional aluminum alloy or other metal alloy-made housing, which can withstand impact and corrosion, and has a low manufacturing cost. <IMAGE>

IPC 1-7

**H01Q 1/24**; **H01Q 1/42**; **H01Q 13/02**

IPC 8 full level

**H01Q 1/24** (2006.01); **H01Q 1/42** (2006.01)

CPC (source: EP)

**H01Q 1/247** (2013.01); **H01Q 1/42** (2013.01)

Citation (search report)

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