

Title (en)  
LOW NOISE BLOCK (LNB) MOUNTING SYSTEM

Title (de)  
LNB-BEFESTIGUNGSSYSTEM

Title (fr)  
SYSTEME DE MONTAGE DE BLOC A FAIBLE BRUIT (LNB)

Publication  
**EP 1086508 A1 20010328 (EN)**

Application  
**EP 99922323 A 19990514**

Priority  
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Abstract (en)  
[origin: WO9960658A1] A mounting cradle (16) for coupling a low noise block (LNB) (12) to a boom arm (14) of a satellite dish antenna (10) is described. The mounting cradle (16) releasably engages the LNB (12) and allows the LNB (12) to rotate around the axis (28) of a waveguide (30) within the LNB (12). A projection (54) on the surface (52) of the LNB (12) engages with one of a series of slots (26a-e) on the cradle (16) which are radially spaced at predetermined angular positions. The projection (54) is located within a desired slot (26) and then secured in place. The mounting cradle (16) ensures that a probe located inside the waveguide (30) within the LNB (12) can be aligned at a predetermined angle with respect to the cradle (16) and hence the boom arm (14) and dish antenna (10) to optimise reception of signals from a particular satellite.

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**H01Q 1/24**; **H01Q 3/18**

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