Title (en)

Satellite converter feed horn

Title (de)

Hornstrahler für Satellitenumsetzer

Title (fr)

Cornet d'alimentation pour un convertisseur satellite

Publication

EP 1381110 A1 20040114 (EN)

Application

EP 03254369 A 20030710

Priority

JP 2002203664 A 20020712

Abstract (en)

A satellite converter feed horn includes a square tubular feed horn (6) section formed of a bent metallic plate. The feed horn section includes first to fourth plate sections (7-10). The third and fourth plate sections have respective first and second strip-shaped connecting sections (9b,10b) disposed outward from and in a direction of extension of a square tubular section (11). The first and second connecting sections are connected together, with a step being disposed in a direction orthogonal to the direction of extension of the square tubular section. Therefore, the connecting section having the larger width receives solder (12),so that the connecting sections can be easily and reliably soldered. <IMAGE>

IPC 1-7

H01Q 1/24; H01Q 13/02

IPC 8 full level

H01P 3/12 (2006.01); **H01P 11/00** (2006.01); **H01Q 1/24** (2006.01); **H01Q 13/02** (2006.01)

CPC (source: EP)

H01Q 1/247 (2013.01); **H01Q 13/0283** (2013.01)

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