

Title (en)
Antenna housing

Title (de)
Antennengehäuse

Title (fr)
Boitier d'antenne

Publication
EP 1326301 A1 20030709 (EN)

Application
EP 02259032 A 20021231

Priority
GB 0200190 A 20020104

Abstract (en)
The invention proposes an antenna housing 3 and in particular apparatus in the form of a storage silo comprising an antenna housing having at least in part low attenuation walls comprising glass reinforced plastics with a foam plastics core. In its preferred form the antenna housing 3 is mounted on top of an equipment housing 2 which is mounted on top of a storage silo 1. The use of grp for the walls ensures the desired low attenuation, whilst the foam core provides the necessary rigidity. Preferably the antenna housing is made up of a plurality of moulded flanged panels that are bonded or otherwise secured together to form a cylindrical structure having an external appearance of a storage silo or to match that of the storage silo on which it is mounted. The equipment housing and storage silo may be made of pressed steel sheets or alternatively of grp. The preferred antenna housing panels also have an extension made solely of grp of a length sufficient to accommodate a low attenuation window for an SHF antenna.
<IMAGE>

IPC 1-7
H01Q 1/12; **H01Q 1/42**

IPC 8 full level
H01Q 1/12 (2006.01); **H01Q 1/42** (2006.01)

CPC (source: EP)
H01Q 1/1242 (2013.01); **H01Q 1/42** (2013.01)

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