Title (en)

Converter provided with built-in patch antennas for receiving direct broadcasting by satellite

Title (de)

Konverter mit eingebauten Patchantennen für den Empfang von Direktübertragungssatelliten

Title (fr)

Convertisseur avec antennes à plaque incorporée pour réception de radiodiffusion directe par satellite

Publication

EP 1033779 A2 20000906 (EN)

Application

EP 00301243 A 20000217

Priority

JP 5715099 A 19990304

Abstract (en)

The object of the present invention is to provide a converter (1) for receiving satellite broadcasting wherein a radio wave from a satellite can be received without using a die-cast frame and the cost can be reduced. A printed circuit board (19) and an antenna member provided to the printed circuit board for receiving a radio wave from a satellite via a parabolic reflector are provided, the antenna member is composed of patch antennae (21) made of conductive foil and is formed on one surface of the printed circuit board (19). <IMAGE>

IPC 1-7

H01Q 1/24; H01Q 1/42; H01Q 21/06

IPC 8 full level

H01Q 23/00 (2006.01); **H01Q 1/24** (2006.01); **H01Q 1/42** (2006.01); **H01Q 21/06** (2006.01); **H04B 1/08** (2006.01)

CPC (source: EP KR)

H01Q 1/247 (2013.01 - EP KR); **H01Q 1/42** (2013.01 - EP KR); **H01Q 21/065** (2013.01 - EP KR)

Cited by

US7068238B2; CN108987944A; EP1132997A1; EP1633015A1; CN105634248A; US7129906B2; EP1519443A1; US11962066B2; US11527812B2; US9595760B2; US6326920B1; US7800551B2; US8085214B2; US7528793B2

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DOCDB simple family (publication)

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DOCDB simple family (application)

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