

Title (en)

AN ELECTRICALLY DRIVEN TELESCOPIC ANTENNA FOR AUTOMOBILES

Publication

EP 0361878 A3 19900808 (EN)

Application

EP 89309809 A 19890926

Priority

JP 12664488 U 19880928

Abstract (en)

[origin: EP0361878A2] A motor driven automobile antenna including a conductive tube for shielding therein a telescopic antenna element (1) and another conductive tube for shielding therein a motor (6) which extends and retracts the antenna element wherein the two conductive tubes are connected to each other by a fastening bracket (10) which is made of conductive materials and shaped in figure eight having two round openings into which the conductive tubes are inserted and a part of the fastening bracket is electrically connected to the automobile body for grounding purpose.

IPC 1-7

H01Q 1/10

IPC 8 full level

H01Q 1/10 (2006.01); **H01Q 1/22** (2006.01)

CPC (source: EP)

H01Q 1/103 (2013.01)

Citation (search report)

- [A] US 4225871 A 19800930 - RAMARI LUIGI
- [A] US 2240488 A 19410506 - BENSON GEORGE O
- [A] US 2632106 A 19530317 - EMIL CARLSON

Designated contracting state (EPC)

DE ES FR GB IT SE

DOCDB simple family (publication)

EP 0361878 A2 19900404; EP 0361878 A3 19900808; JP H0247808 U 19900403

DOCDB simple family (application)

EP 89309809 A 19890926; JP 12664488 U 19880928