

Title (en)

A clutch for an electrically driven telescopic antenna.

Title (de)

Kupplung für eine elektrisch angetriebene Teleskopantenne.

Title (fr)

Dispositif d'embrayage pour une antenne télescopique à actionnement électromoteur.

Publication

EP 0345002 A2 19891206 (EN)

Application

EP 89305404 A 19890530

Priority

JP 7117688 U 19880531

Abstract (en)

A first main body is rotated by a motor. A second main body is revolved by the rotational force of the first main body. A hexagonal wall portion (64) is formed on the inner peripheral surface of the second main body. In a disc (24) fitted on the outer periphery of the boss (11) of the first main body are formed three elastic pressure members (21) so as to be arranged radially outwardly from the central axis of the disc (24). Each of the elastic pressure members (21) comprises a rubber elastic member (31), a contacting member (41) and a holding chamber (51). Each of the holding chambers (51) is enclosed by the disc (24) except for one portion opened at the outer peripheral wall of the first main body. The rubber elastic members (31) are held in the holding chambers (51). The contacting members (41) are housed in the holding chambers (51) and the distal portion of each of the contacting members is exposed at the open portion of each of the holding chambers (51). The exposed distal portions of the contacting members (41, 42, 43) are abutted against the hexagonal wall portion (64).

IPC 1-7

H01Q 1/10

IPC 8 full level

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CPC (source: EP)

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Cited by

US5847519A; US5977678A; US5924324A; US6003193A; DE4201161A1; DE4201161C2; US5917298A; US5920159A; US6075298A; US5903114A; EP0841230A1; US5905345A; US5068673A; US6026536A; EP0538032A1; US5370334A; US5979256A; US5889341A; US5949206A; US6018223A; US5929588A; US5907885A; US5920158A; US5920949A; US5916327A; US5986351A; US5907199A; US6205612B1

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