

Title (en)

Pointing mechanism for a payload, especially for a satellite antenna.

Title (de)

Anordnung zur Ausrichtung einer Nutzlast, insbesondere einer Satellitenantenne.

Title (fr)

Mécanisme de pointage d'une charge utile, notamment d'une antenne de satellite.

Publication

EP 0498699 B1 19950517 (FR)

Application

EP 92400244 A 19920130

Priority

FR 9101438 A 19910208

Abstract (en)

[origin: EP0498699A1] This device (18) includes: - a first linkage ring (20) connected to the payload; - a second linkage ring (22) connected to the structure; - a pair of annular roller bearings (38, 40) for rotational guidance of the first linkage ring (20) with respect to the second linkage ring (22); - an annular motor (58) whose stator (60) is fixed to one (22) of the two linkage rings and whose rotor (62) drives the other linkage ring (20) in rotation by way of a reduction gear; and - a reduction gear of the type with differential epicycloidal train arranged inside the pair of annular roller bearings (38, 40). <IMAGE>

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