

Title (en)

GEAR SHIFT ADJUSTMENT DEVICE AND BASE STATION ANTENNA

Title (de)

GANGSCHALTUNGSEINSTELLVORRICHTUNG UND BASISSTATIONSANTENNE

Title (fr)

DISPOSITIF DE RÉGLAGE DE CHANGEMENT DE VITESSE ET ANTENNE DE STATION DE BASE

Publication

**EP 4290695 A1 20231213 (EN)**

Application

**EP 22929203 A 20220701**

Priority

- CN 202210345298 A 20220331
- CN 2022103263 W 20220701

Abstract (en)

The present application provides a shift regulation apparatus and a base station antenna, the shift regulation apparatus includes: a mounting base, where the mounting base is provided with a mounting cavity; a gear transmission portion, including at least one transmission portion provided in the mounting cavity, where the transmission portion includes a plurality of output members, and each of the output members corresponds to one antenna; a gear shift switching unit, including a selection driver portion provided in the mounting cavity and a selection portion corresponding to the transmission portion, where the selection driver portion is drivingly connected to the selection portion, and the selection portion selects the corresponding output member in the transmission portion; and a shift drive unit, including a drive portion provided on the mounting base and corresponding to the transmission portion, where the drive portion is configured to drive a corresponding selection portion to drive the corresponding output member.

IPC 8 full level

**H01Q 3/06** (2006.01)

CPC (source: CN EP)

**H01Q 1/246** (2013.01 - CN EP); **H01Q 3/32** (2013.01 - CN EP)

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**EP 4290695 A1 20231213**; **EP 4290695 A4 20241009**; CN 114709596 A 20220705; MX 2023010163 A 20231016; WO 2023184769 A1 20231005

DOCDB simple family (application)

**EP 22929203 A 20220701**; CN 2022103263 W 20220701; CN 202210345298 A 20220331; MX 2023010163 A 20220701