

Title (en)

QUASI CONTINUOUS, POSITIVE FIT SATELLITE GEAR MECHANISM

Title (de)

QUASI-STUFENLOSES, FORMSCHLÜSSIGES SATELLITENGETRIEBE

Title (fr)

TRANSMISSION A TRAIN PLANETAIRE A VARIATION QUASI CONTINUE ET A LIAISON DE FORME

Publication

EP 1709349 A1 20061011 (DE)

Application

EP 05701237 A 20050128

Priority

- EP 2005000851 W 20050128
- DE 102004004850 A 20040130

Abstract (en)

[origin: WO2005073597A1] The invention relates to a continuous, positive fit gear mechanism which can be adjusted in a continuous manner by eccentrically offsetting transmissions between an input and an output. Said gear mechanism comprises an adjusting device which is used to control transmission such that, preferably, eccentric positions are adjusted enabling the gear mechanism to be operated in a particularly silent manner, and the peripheral length (17) of the charge arc represents an integral multiple of the positive fit (teeth).

IPC 8 full level

F16H 29/18 (2006.01)

CPC (source: EP US)

F16H 29/18 (2013.01 - EP US); **Y10T 74/151** (2015.01 - EP US)

Citation (search report)

See references of WO 2005073597A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

WO 2005073597 A1 20050811; DE 102004004850 A1 20050818; EP 1709349 A1 20061011; US 2008032844 A1 20080207

DOCDB simple family (application)

EP 2005000851 W 20050128; DE 102004004850 A 20040130; EP 05701237 A 20050128; US 58781207 A 20070305