

Title (en)

Tubular motor with drive assembly

Title (de)

Rohrmotor-Antriebsbaugruppe

Title (fr)

Moteur tubulaire avec groupe d'entraînement

Publication

EP 1326000 A2 20030709 (DE)

Application

EP 02025385 A 20021114

Priority

- DE 20119007 U 20011122
- DE 20213824 U 20020905

Abstract (en)

To the gear train output side is coupled a follower (11) and possibly a control electronic. The motor is of high speed DC type, and the gear train has corresp. high reduction ratio. The gear train stage, pref. the second stage, coupled to the drive shaft has a gear wheel (14), whose rotation axis is transverse to rotation axis of drive shaft. The gear wheel has peripheral spur toothing (15) as well as a bevel toothing (16) on one face. The spur toothing is engaged by a pinion (17), coupled to drive shaft, and the bevel toothing is engaged by a bevel gear (19) coupled to following drive stage. The casing (7) houses an electric drive motor (8) with drive shaft (9) to which is coupled multistage reduction gear train (10). Independent claims are included for electric motor with tubular casing.

Abstract (de)

Gegenstand der Erfindung ist eine Rohrmotor-Antriebsbaugruppe, insbesondere für eine Verdunkelungsvorrichtung. Besonders interessant ist hierbei die besondere Ausgestaltung des im Antriebszug angeordneten mehrstufigen Untersetzungsgetriebes, die Bremsanordnung für eine bei Stillstand der Antriebswelle selbst einfallende Bremse und die Steuerelektronik zur Ansteuerung des Antriebs. <IMAGE>

IPC 1-7

E06B 9/72

IPC 8 full level

E06B 9/72 (2006.01)

CPC (source: EP)

E06B 9/72 (2013.01)

Cited by

DE102012200035A1; DE102012200037A1; DE102012200037B4; EP1582681A1; WO2018178145A1; FR3064708A1; DE202006001135U1; EP1811123A3; DE102012200035B4; FR2868460A1; DE202018105651U1

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