

Title (en)

Motor gear drive unit with a gear transmission which is disconnectable by an emergency actuator

Title (de)

Motor-Getriebe-Antriebseinheit mit durch eine Notbetätigung auskuppelbarer Getriebeübertragung

Title (fr)

Unité d'entraînement à moteur-réducteur avec une transmission à engrenage qui est débrayable par une commande de secours

Publication

**EP 0622513 B1 19960529 (DE)**

Application

**EP 93101214 A 19930127**

Priority

EP 93101214 A 19930127

Abstract (en)

[origin: EP0622513A1] In order to be able to reduce the mechanical losses in a motor-gear drive unit with the coupling of transmission via the gear to a drive shaft (3) by means of an emergency actuation facility (47) and with a casing (1, 2) which is split in two axially, while nevertheless simplifying assembly and manufacture, the drive shaft (3) and a worm wheel (5) which drives the latter in service are rotatably mounted only on a first part (1) of the casing and the drive shaft (3) is connected only by an axial coupling (31-34, 41-44) - with coaxial play - to a drive shaft (4), likewise subject to emergency actuation, which is connected, for transmission, to the worm wheel (5) by concentric toothing (45), the connection being disengageable by means of the emergency actuation facility (47) by axial displacement. <IMAGE>

IPC 1-7

**E05F 11/38**; E05F 11/50

IPC 8 full level

**E05F 15/16** (2006.01)

CPC (source: EP)

**E05F 15/692** (2015.01); **E05Y 2900/55** (2013.01)

Citation (examination)

- EP 0355306 A1 19900228 - WEBASTO AG FAHRZEUGTECHNIK [DE]
- EP 0410487 A2 19910130 - MOESSLACHER HANNES [DE]

Cited by

DE29804227U1; DE102012219739A1; DE19841350C1; US2022349239A1; WO2014067820A1; WO2014067708A1

Designated contracting state (EPC)

DE ES FR IT

DOCDB simple family (publication)

**EP 0622513 A1 19941102**; **EP 0622513 B1 19960529**; DE 59302755 D1 19960704; ES 2087578 T3 19960716

DOCDB simple family (application)

**EP 93101214 A 19930127**; DE 59302755 T 19930127; ES 93101214 T 19930127