Drive unit for a lift

Summary

A drive unit (1) for a lift, in particular for the own drive of a cage (30), which runs at guides (27), for the transport of persons or goods, wherein the drive unit (1) is connected with the cage (30) or with the cage-supporting structure (16) to be pivotable by way of a rocker and is urged by a contact pressure equipment (29) against the guide (27). The parts of the drive unit (1) with motor, brake and gear are arranged co-axially around a wheel shaft (8), which carries a respective drive wheel (10) at each of the two free shaft ends. The motor housing (31) and the axle tubes and motor flanges firmly connected with the motor housing (31) on their own form the supporting structure of the drive unit (1).

(Fig. 1)

This Sheet Has Been Replaced



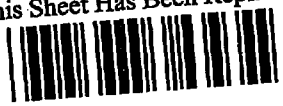
THIS SHEET HAS BEEN REPLACED

Drive unit for a lift

List of parts

1 Drive unit
2 Stator
3 Rotor
4 Rotor shaft
5 Sunwheel
6 Planetary wheel
7 Planet wheel carrier
8 Wheel shaft
9 Internal gear wheel
10 Drive wheel
11 Axial tube
12 Motor flange
13 Wheel shaft bearing
14 Rotor shaft bearing
15 Rocker
16 Cage-supporting structure
17 Brake disc
18 Brake plate
19 Brake-clearing magnet
20 Brake spring
21 Brake drum
22 Brake spring
23 Brake shoe
24 Brake linkage
25 Actuator
26 Motor air gap
27 Guide
28 Supporting wheel
29 Spring
30 Cage
31 Motor housing
32 Brake
33 Planetary gear
34 Shoe brake
X System axis
35 Starter motor
36 Starter pinion
37 Gear crown

This Sheet Has Been Replaced



THIS SHEET HAS BEEN REPLACED