

Title (en)

HOIST FOR A PASSENGER OR GOODS ELEVATOR

Publication

EP 0078874 A3 19830622 (DE)

Application

EP 82103326 A 19820420

Priority

IT 2468481 A 19811027

Abstract (en)

[origin: EP0079420A1] 1. Bearing for the hoist (1) of the car of a passenger or goods elevator, comprising a gear casing (4, 24), in which there are arranged a driven worm (2) and a worm wheel (3) mating with the worm and being connected by means of a shaft (13) with a driving pulley (16) disposed outside the gear casing, the bearing comprising a swivel bearing for the gear casing and a fixed bearing formed by a bracket (20), characterised in that the swivel bearing comprises a swivel axis consisting of a half-round profile (27), which is formfittingly arranged in a channel (28) of the bottom of the casing and the plane surface of which is supported on a base construction (30), that the half-round profile (27) has a through-hole for receiving a thread bolt for screwing the gear casing onto the base construction, that the gear casing comprises a fixed axis (19) which is secured to the gear casing and disposed orthogonally to the swivel axis and which is on its free end outside the casing supported by a bracket (20), and that the shaft (13) designed as hollow shaft is pivotally supported on the axis (19).

IPC 1-7

B66B 11/04; **B66D 5/02**

IPC 8 full level

B66B 11/04 (2006.01); **B66D 1/28** (2006.01)

CPC (source: EP)

B66B 11/0446 (2013.01); **B66D 1/28** (2013.01)

Citation (search report)

- [X] FR 2297803 A1 19760813 - SASSI ALBERTO [IT]
- [A] US 3641832 A 19720215 - SHIGETA MASAYUKI, et al
- [A] DE 2408722 A1 19750904 - ALOIS KASPER HEBEZEUGFABRIK
- [A] DE 1756938 A1 19710603 - ALOIS KASPER FA
- [A] DE 1288773 B 19690206 - ALOIS KASPER HEBEZEUGFABRIK
- [A] DE 1280518 B 19681017 - ALOIS KASPER HEBEZEUGFABRIK

Cited by

US5149242A; US8307833B2

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0079420 A1 19830525; **EP 0079420 B1 19870408**; DE 3267988 D1 19860130; DE 3275993 D1 19870514; EP 0078874 A2 19830518; EP 0078874 A3 19830622; EP 0078874 B1 19851218; IT 1140465 B 19860924; IT 8124684 A0 19811027

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