

Title (en)  
BEARING FOR THE HOIST OF A PASSENGER OR GOODS ELEVATOR CAR

Publication  
**EP 0079420 B1 19870408 (DE)**

Application  
**EP 82103328 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 1/30**

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)

Cited by  
EP0202525A1; EA012815B1; EP0673874A1; US5615864A; EP0534348A3; EP0468168A1; US5148893A; EP1048603A1; EP0972739A1; EP1029822A1; AU764014B2; CN1099994C; TR25098A; WO2016114729A1; WO2019236030A3

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

DOCDB simple family (application)  
**EP 82103328 A 19820420**; DE 3267988 T 19820420; DE 3275993 T 19820420; EP 82103326 A 19820420; IT 2468481 A 19811027