

Title (en)

ROTARY HANDLE FOR MANUAL CONTROL OF A POWER DRIVE

Publication

**EP 0038287 B1 19831116 (DE)**

Application

**EP 81730035 A 19810319**

Priority

DE 3014829 A 19800415

Abstract (en)

[origin: EP0038287A1] 1. A rotary knob (37) having the basic form of a cylindrical disc for the manual operation of a device (21), the knob having a bar (40) which is arranged symmetrically to an ideal diameter line and having gripping surfaces (41, 42) which are arranged on either side of said bar approximately parallel to the cylinder axis, wherein on the two sides of the bar (40), respective bevels are arranged (43, 44) which slope in opposite directions to one another, and these bevels start from the level of the bar along the diameter line or rise to the level of the bar, as the case may be, the height of the gripping surfaces increasing or decreasing as the case may be, characterised in that the diameter of the rotary knob (37) and the length of the bevels (43, 44) are matched to the length of the human thumb and of the forefinger in the bent state ; that the rotary knob (37) is a component part of a motor drive (10) for electrical switching apparatus (1) and is permanently engaged with a shaft (24) of the motor drive (10) ; and that the bevels of the gripping surfaces are so selected in dependence upon the direction of rotation of the motor drive (10), that when the motor drive starts, the fingers slip from the rotary knob (37).

IPC 1-7

**H01H 3/08**; **H01H 3/26**; **G05G 1/10**

IPC 8 full level

**H01H 3/04** (2006.01); **G05G 1/10** (2006.01); **H01H 3/08** (2006.01); **H01H 3/26** (2006.01); **H01H 71/70** (2006.01)

CPC (source: EP)

**G05G 1/10** (2013.01); **H01H 3/08** (2013.01); **H01H 2003/028** (2013.01)

Cited by

EP0245127A1; FR2596914A1; WO2007054772A1

Designated contracting state (EPC)

AT CH FR GB IT LI SE

DOCDB simple family (publication)

**EP 0038287 A1 19811021**; **EP 0038287 B1 19831116**; AT E5357 T1 19831215; BR 8102285 A 19811201; DE 3014829 A1 19811022; DE 3014829 C2 19830120; ES 267591 U 19830416; ES 267591 Y 19831116; JP S56165238 A 19811218; JP S6051224 B2 19851113; MX 154048 A 19870410

DOCDB simple family (application)

**EP 81730035 A 19810319**; AT 81730035 T 19810319; BR 8102285 A 19810414; DE 3014829 A 19800415; ES 267591 U 19810414; JP 5618981 A 19810414; MX 18683181 A 19810413