

Title (en)
Electronic control for roller blind

Title (de)
Elektronische Rolladensteuerung

Title (fr)
Commande électronique pour volet roulant

Publication
EP 0447849 B1 19960103 (DE)

Application
EP 91102972 A 19910227

Priority
DE 4008940 A 19900320

Abstract (en)
[origin: EP0447849A1] An electronic control for a roller blind contains a control device (2) with a front plate (4) in which a display (8) and a keyboard (10) are constructed, and a housing (6), which is situated on the rear side of the front plate and accommodates the control part and power part. By actuating individual keys of the keyboard (10), control signals are generated in the control part which cause the power part to rotate a motor, which drives the roller blind, in one or the other direction, so that the roller blind is opened or closed. Located in the control part is an annual calender unit which allows automatic generation of the abovementioned control signals as a function of the time of day of sunrise and sunset. A counter unit serving as a clock supplies to a comparator a time-of-day value which, for the purpose of opening or closing the roller blind, is compared with a time value read out of a table memory or calculated. In the event of agreement, the corresponding control signal is generated. <IMAGE>

IPC 1-7
G04G 15/00; **E06B 9/32**

IPC 8 full level
E06B 9/32 (2006.01); **G04G 15/00** (2006.01)

CPC (source: EP)
E06B 9/32 (2013.01); **G04G 15/006** (2013.01)

Citation (examination)
• EP 0176617 A1 19860409 - GRAESSLIN FEINWERKTECH [DE]
• EP 0092211 A1 19831026 - WESTDEUTSCHE ELEKTROGERAETE [DE]
• EP 0167848 A1 19860115 - ELESTA AG ELEKTRONIK [CH]
• EP 0254525 A2 19880127 - SCHLUMBERGER ELECTRONICS UK [GB]
• Prospekt SCHALTUHREN, Fa. AWAG, Sept. 1987: AWAG ASTROTIME

Cited by
DE102009025801A1; FR2805355A1; EP0625627A3; EP0620699A1; EP0825500A1; FR2999304A1; DE19653306A1; DE19653306C2; EP0762244A3; EP0821295A1; FR3002333A1; FR2897169A1; FR2900191A1; AU2007213464B2; EP1199616A2; US8073553B2; WO0028388A1; WO2007091143A3; WO2008098767A3; WO2014125097A1; US6229765B1; EP2251749A2

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