

Title (en)  
ELECTRONIC COMMUTATING DEVICE

Publication  
**EP 0575781 A3 19960214 (DE)**

Application  
**EP 93108724 A 19930529**

Priority  
DE 9208340 U 19920623

Abstract (en)  
[origin: EP0575781A2] A description is given of an electronic changeover device. This device consists of a transistor T2 which connects the battery B in a quartz or radio quartz alarm clock to a DC voltage via the emitter/collector junction. The base of the transistor T2 is driven by mutually offset pulses MOT 1, MOT 2 of the stepping timing motor M or by the buzzer control pulses, and a series resistor is constructed in the voltage supply for the purpose of starting the circuit. <IMAGE>

IPC 1-7  
**G04G 1/00**

IPC 8 full level  
**G04C 10/00** (2006.01); **G04G 19/10** (2006.01)

CPC (source: EP)  
**G04C 10/00** (2013.01); **G04G 19/10** (2013.01)

Citation (search report)  
• [A] DE 3304386 C1 19840329 - DIEHL GMBH & CO  
• [A] WO 8503144 A1 19850718 - GRAESSLIN FEINWERKTECH [DE]  
• [A] P. SCHMUTZ:: "Netzausfallautomatik für elektronische Tischuhren", RADIO ELEKTRONIK SCHAU, vol. 52, no. 3, WIEN, AT, pages 60

Designated contracting state (EPC)  
AT BE CH DE ES FR GB GR IT LI NL PT

DOCDB simple family (publication)  
**DE 9208340 U1 19930617**; EP 0575781 A2 19931229; EP 0575781 A3 19960214

DOCDB simple family (application)  
**DE 9208340 U 19920623**; EP 93108724 A 19930529