

Title (en)

A control apparatus for an electric appliance requiring a programmed connection and disconnection.

Title (de)

Steuergerät für eine elektrische Einrichtung, die ein programmiertes Einschalten und Ausschalten erfordert.

Title (fr)

Appareillage de commande pour une installation électrique nécessitant un branchement et un débranchement programmés.

Publication

**EP 0030631 A1 19810624 (EN)**

Application

**EP 80107109 A 19801117**

Priority

IT 2817279 A 19791218

Abstract (en)

The apparatus comprises two mechanical, electric or ionic timing devices, each one associated with a switch (6,7) the first of said timing devices (or long time device) having a dial which, divided for instance into 12 or 24 hours, continuously rotates showing with respect to a fixed pointer how much time passes, a knob frictioned on the dial and carrying a pointer and an actuating means (2c) for the associated switch (6), while the second timing device (or short time device) has a dial (4) divided, for example, into a number of minutes less or equal to 360, which dial is rigidly keyed on the shaft and is provided with an actuating means (4a) for its associated switch (7), a clamping block (8b) being also provided between said first timing device and said second timing device, which is actuated by said first device along with the associated switch (6), the electric appliance to be controlled being series connected with said two switches (6 and 7).

IPC 1-7

**H01H 43/12**

IPC 8 full level

**H01H 43/12** (2006.01)

CPC (source: EP)

**H01H 43/125** (2013.01)

Citation (search report)

US 3909565 A 19750930 - CLOUSER MICHAEL T, et al

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**EP 0030631 A1 19810624**; **EP 0030631 B1 19850116**; DE 3069989 D1 19850228; IT 1126585 B 19860521; IT 7928172 A0 19791218

DOCDB simple family (application)

**EP 80107109 A 19801117**; DE 3069989 T 19801117; IT 2817279 A 19791218