

Title (en)
Electrical fence device

Title (de)
Elektrozaengerät

Title (fr)
Electrificateur de clôture

Publication
EP 0735804 A1 19961002 (FR)

Application
EP 96400374 A 19960223

Priority
FR 9503798 A 19950331

Abstract (en)
The trigger circuit(23) has an input(27) connected to the common point of a resistance(4) and to two diodes(3,6). Thyristor conduction is triggered when the first terminal(1) of the a.c. supply is near its most negative potential with respect to the second(2) a.c. supply terminal. The trigger circuit(23) of the thyristor(9) has a transistor(28) whose collector is connected to the trigger of the thyristor(9). The transistors emitter is connected to the midpoint of a capacitor(14) and resistor(13) and the base is connected to the input(27). The transistor(28) conducts when the first terminal is near to its most negative potential with respect to the terminal(2)..

Abstract (fr)
Le circuit de déclenchement 23 comporte une entrée 27 reliée au point commun à la résistance 4 et aux diodes 3 et 6, et une entrée 25 reliée à la borne d'entrée 1. La mise en conduction du thyristor est déclenchée lorsque la première borne 1 est au voisinage de son potentiel le plus négatif par rapport à celui de la deuxième borne 2. <IMAGE>

IPC 1-7
H05C 1/04

IPC 8 full level
H05C 1/04 (2006.01)

CPC (source: EP US)
H05C 1/04 (2013.01 - EP US)

Citation (search report)

- [A] GB 2004426 A 19790328 - GALLAGHER ELECTRONICS LTD
- [A] FR 2087146 A5 19711231 - CREB
- [A] US 4114185 A 19780912 - GALLAGHER WILLIAM MURRAY
- [A] DE 3437953 A1 19860424 - AKO WERKE GMBH & CO [DE]
- [DA] FR 2553972 A1 19850503 - HAMM JEAN JACQUES [FR]

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

DOCDB simple family (publication)
EP 0735804 A1 19961002; EP 0735804 B1 19980415; AT E165205 T1 19980515; AU 4577996 A 19961010; AU 692352 B2 19980604; DE 69600236 D1 19980520; DE 69600236 T2 19980827; FR 2732543 A1 19961004; FR 2732543 B1 19970627; NZ 286080 A 19970727; US 5742469 A 19980421

DOCDB simple family (application)
EP 96400374 A 19960223; AT 96400374 T 19960223; AU 4577996 A 19960227; DE 69600236 T 19960223; FR 9503798 A 19950331; NZ 28608096 A 19960227; US 62196896 A 19960326