

Title (en)

An arrangement for controlling the operation of switch contacts.

Title (de)

Anordnung zum Steuern der Betätigung von Schalterkontakten.

Title (fr)

Dispositif pour contrôler l'opération des contacts d'interrupteurs.

Publication

EP 0034448 A2 19810826 (EN)

Application

EP 81300514 A 19810206

Priority

GB 8005105 A 19800214

Abstract (en)

The arrangement comprises a device for providing a signal indicating that operation of the switch contacts is required. A timer is arranged to provide a second signal at a time indicative of a zero crossing of an alternating voltage being switched by the switch contacts. A circuit delays the second signal to compensate for mechanical and/or electrical inertia or an operator for the switch contacts. A device energises the operator in response to the first and second signals so that operation of the switch contacts will occur at or near to a zero crossing of the alternating voltage. The invention is used in ac mains stabilisation and in transformer tap changing motor.

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IPC 8 full level

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CPC (source: EP)

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Cited by

KR20000047874A; DE3613288C1; EP0617443A1; EP0170925A1; EP0192258A3; EP0108538A1; DE3626589A1; EP0222727A1; WO9010942A1; WO9519037A1

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