

Title (en)
Electric switch.

Title (de)
Elektrischer Schalter.

Title (fr)
Interrupteur électrique.

Publication
EP 0138257 A1 19850424 (EN)

Application
EP 84201353 A 19840920

Priority
NL 8303244 A 19830921

Abstract (en)
An electric switch comprising at least one movable contact and one stationary contact, a movable mass, which in the distant position of the movable contact, when the switch is open, rests against the stationary contact opposite to the side which will stop the movable contact upon closing the switch, upon which the impact energy will be transmitted as pressure waves through said stationary contact towards said mass, which waves, upon reaching said mass will be converted into energy of movement of said mass, which is moved thereby away from the stationary contact to be held at a distant position from said stationary contact. Said mass can be driven away again from said distant position towards said stationary contact, such that upon striking this contact the impact energy will be transmitted as pressure waves towards the movable contact now, to drive this away from the stationary contact thereby opening the switch. This switch will be free from contact vibrations, will be opened with high velocity and needs little supplied operating energy.

IPC 1-7
H01H 1/50

IPC 8 full level
H01H 1/50 (2006.01)

CPC (source: EP)
H01H 1/50 (2013.01)

Citation (search report)

- [X] DE 1045514 B 19581204 - STANDARD ELEKTRIK LORENZ AG
- [A] GB 677466 A 19520813 - GEN ELECTRIC CO LTD, et al
- [A] FR 685078 A 19300704 - MITTELBADISCHE PAPIERMANUFAKTU
- [A] DE 956423 C 19570117 - LICENTIA GMBH
- [A] GB 913745 A 19621228 - KELVIN & HUGHES LTD

Cited by
EP0284390A3; US4926017A

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

DOCDB simple family (publication)
EP 0138257 A1 19850424; EP 0138257 B1 19880120; AT E32150 T1 19880215; DE 3468955 D1 19880225; NL 8303244 A 19850416

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