

## Title (en)

MULTIPLE FUNCTION SWITCH FOR ELECTRICAL APPARATUSES SUCH AS HAIR DRYERS OR THE LIKE

## Publication

**EP 0057277 A3 19830511 (DE)**

## Application

**EP 81110335 A 19811211**

## Priority

DE 3103457 A 19810202

## Abstract (en)

[origin: EP0057277A2] 1. Multi-function switch for electrical equipment with a switching movement transfer member (15) mounted on the wall of the switch casing and which is adapted to the circular cross-section thereof, which is both axially displaceable with respect to the casing and rotatable about a rotation axis (L) in said casing, wherein the transfer member (15) firstly is connected by means of a radially inwardly extending web (19) on the inside thereof to the actuator (23) of an electrical switch (9) located within the casing and secondly via a tooth system (20) formed on the inside thereof is connected to a control member, constructed as a toothed roller (21), of a further electrical component (11) also located within the casing, characterized in that the switch casing forms the grip (G) of the electrical equipment - particularly a hairdryer - and which over the least part of its length has a hollow cylindrical inner space, that the transfer member (15) is constructed as a segment of a hollow cylinder housed in the hollow cylindrical part of the grip inner area and for the operation thereof has a lever shoulder (16) projecting through a grip opening (O) and that the peripheral part missing from the hollow cylindrical segmental transfer member (15) is dimensioned and arranged in the grip part in such a way that an electrical printed circuit board (8) with electrical components (10-13) of the equipment positioned thereon can also extend within the hollow cylindrical transfer member (15) by means of its one longitudinal edge in the vicinity of the missing peripheral part of the hollow cylindrical segmental transfer member (15) up to the inner wall of grip (G).

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**H01H 25/06**; **A45D 20/10**

## IPC 8 full level

**A45D 20/10** (2006.01); **H01H 25/06** (2006.01)

## CPC (source: EP)

**H01H 25/06** (2013.01)

## Citation (search report)

- [Y] DE 2238363 A1 19740214 - BAER ELEKTROWERKE KG
- [Y] DE 2624600 A1 19761223 - SPERRY RAND CORP
- [Y] DE 2708581 A1 19780817 - BRAUN AG
- [A] WO 8001736 A1 19800821 - BRAUN AG [DE], et al

## Cited by

DE102009026829A1; CN107068512A; GB2427359A; US6570139B1; EP0313804A1; CN108158183A; US12035793B2; DE202013001457U1; US7109444B2; US6960745B2; US6812437B2

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