

Title (en)

Tap changer with a screening electrode.

Title (de)

Stufenschalter mit Abschirmelektrode.

Title (fr)

Commutateur à prises avec une électrode de blindage.

Publication

EP 0001387 A1 19790418 (DE)

Application

EP 78100612 A 19780807

Priority

DE 2738481 A 19770826

Abstract (en)

1. Tap-changing switch with a load diverter switch (2) sitting in a cylindrical housing and with a tap selector (4), which is arranged there-under and which is actuatable by an intermittent gear (3) arranged between load diverter switch housing and tap selector, and with at least one annular screening (5) arranged externally on the load diverter switch housing for evening out the electric field emanating from the potential-carrying parts of the load diverter switch, characterised thereby, that the annular screening is laid as helix (7) around the load diverter switch housing (2) as well as around the intermittent gear (3), wherein at least one end (11, 13) of the helix is connected to the potential of the star point (12) in the case of three-phase tap-changing switches or to the grounding (12) in the case of single-phase tap-changing switches.

IPC 1-7

H01F 29/04; **H01H 9/00**

IPC 8 full level

H01F 29/04 (2006.01); **H01F 27/36** (2006.01); **H01F 29/02** (2006.01); **H01H 9/00** (2006.01)

CPC (source: EP US)

H01F 27/36 (2013.01 - EP); **H01F 27/363** (2020.08 - EP US); **H01F 29/025** (2013.01 - EP); **H01H 9/0005** (2013.01 - EP)

Citation (search report)

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- [A] DE 333785 C 19210305 - SIEMENS AG
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Cited by

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FR GB NL SE

DOCDB simple family (publication)

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DOCDB simple family (application)

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