

Title (en)
A THREE PHASE EARTHING SWITCH

Title (de)
DREIPHASIGER ERDUNGSSCHALTER

Title (fr)
SECTIONNEUR DE TERRE TRIPHASÉ

Publication
EP 3594982 A1 20200115 (EN)

Application
EP 18183234 A 20180712

Priority
EP 18183234 A 20180712

Abstract (en)
The present invention relates to a three phase earthing switch (50). The earthing switch has at least one base unit (1), three connectors (4), and three earth contacts (12). The at least one base unit is configured to hold the three connectors. A first distal end of each of the three connectors is configured to rotate with respect to the at least one base unit. A second distal end of each of the three connectors comprises a contact knife. The three earth contacts are configured to be mounted at three locations that are mechanically independent from and spaced from the at least one base unit. In a first mode of operation the three connectors are not in contact with the three earth contacts. In a second mode of operation the three connectors are moved such that the three contact knives are in contact with the three earth contacts.

IPC 8 full level
H01H 31/00 (2006.01); **H01H 1/42** (2006.01); **H01H 3/32** (2006.01); **H01H 31/28** (2006.01)

CPC (source: EP)
H01H 1/42 (2013.01); **H01H 31/003** (2013.01); **H01H 31/28** (2013.01); **H01H 2003/323** (2013.01)

Citation (search report)

- [XY] US 2820862 A 19580121 - CARMICHAEL ROBERT D, et al
- [Y] US 2012300358 A1 20121129 - JOHNSON CHARLES W [US], et al
- [A] US 4263487 A 19810421 - WELTER CLARENCE L, et al

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