

Title (en)
EARTHING SWITCH

Title (de)
ERDUNGSSCHALTER

Title (fr)
SECTIONNEUR DE MISE À LA TERRE

Publication
EP 2915177 A1 20150909 (DE)

Application
EP 15700354 A 20150108

Priority
• DE 202014100277 U 20140123
• EP 2015050258 W 20150108

Abstract (en)
[origin: CA2937576A1] An earthing switch (10) is specified that comprises: a base (12) for mounting the earthing switch (10), a first contact element (14a, 14b, 14c) that is mounted on the base via a first insulating element (24), a shaft (16) mounted in the base (12), a second contact element (18a, 18b, 18c), mounted on the shaft (16), that can swivel relative to the first contact element (14a, 14b, 14c) by means of the shaft (16), so that the second contact element (18a, 18b, 18c) can move between a closed and an open position, a locking and/or monitoring apparatus (42, 44) for locking the shaft (16) and/or for monitoring the position of the shaft (16), wherein the locking and/or monitoring apparatus (42, 44) is fitted to the base (12) next to the first contact element (14a, 14b, 14c), wherein a second insulating element (28) held between the base (12) and the first insulating element (24) has an insulating plate (46) that protrudes from the base (12) and that is arranged between the first contact element (14a, 14b, 14c) and the locking and/or monitoring apparatus (42, 44). The electrical insulation between the first contact element (14a, 14b, 14c), which is under high voltage, and the locking and/or monitoring apparatus (42, 44) can be improved by the additional insulating element, which provides an insulating plate between these two components, further improving an already existent insulation via an air gap.

IPC 8 full level
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Citation (search report)
See references of WO 2015110294A1

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DE 202014100277 U1 20140220; CA 2937576 A1 20150730; CA 2937576 C 20220719; CN 106030743 A 20161012; CN 106030743 B 20180612; EP 2915177 A1 20150909; EP 2915177 B1 20160504; US 2016329176 A1 20161110; US 9799470 B2 20171024; WO 2015110294 A1 20150730

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