

Title (en)

Bushing for switching devices insulated by pressure gas.

Title (de)

Durchführung für druckgasisolierte Schaltanlagen.

Title (fr)

Traversée pour dispositifs de commutation isolés par gaz sous pression.

Publication

**EP 0492127 B1 19950524 (DE)**

Application

**EP 91119617 A 19911118**

Priority

DE 4040903 A 19901220

Abstract (en)

[origin: EP0492127A2] 2.1 In compressed-gas-insulated switching devices, bushings are inserted in a gastight manner into the housing walls of said devices. In order to be able to carry out cable tests of the cables which are connected to the bushings, special measures are necessary in order to be able to carry out measurements on the relevant cables while adhering to the safety regulations. For this purpose, it is known for separate bushings to be used in addition to the cable bushings, which bushings are externally connected in a three-phase manner to an earthing rail and, by means of contacts which are placed in the internal space of the device, represent a part of the inner earthing switch. Using this construction, the outer earthing rail can be removed, and the internally located switch can switch (internally) into the contacts placed there, it being possible to carry out a cable test in this switching state. The removal of the external earth connection results in a safety problem. 2.2 The invention indicates a means by which a cable bushing with a test connection can be simplified and, at the same time, safety can be improved. To this end, an apparatus connecting part (1) is provided between an attachment flange (2) and a conical section (3) with a section (4) which has a lateral opening (6) which extends as far as the live inner conductor (5), it being possible to insert into this opening an adaptor (7) whose inner conductor (8) can be electrically connected to the live inner conductor (5) of the apparatus connecting part (1). 2.3 Such a bushing with a cable test connection can preferably be used for compressed-gas-insulated switching devices. <IMAGE>

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