

Title (en)
OUTDOOR BUSHING COMPRISING AN INTEGRATED DISCONNECTING SWITCH

Title (de)
FREILUFTDURCHFÜHRUNG MIT INTEGRIERTEM TRENNSCHALTER

Title (fr)
TRAVERSEE EXTERIEURE AVEC DES SECTIONNEURS INTEGRES

Publication
EP 1629579 A2 20060301 (DE)

Application
EP 04730826 A 20040503

Priority
• DE 2004000980 W 20040503
• DE 10325685 A 20030602

Abstract (en)
[origin: WO2004109879A2] The invention relates to an outdoor bushing (1) for connecting an air-insulated high-voltage conductor to components in a grounded housing (18) enclosed by gas, comprising fixing elements (12, 13) for mounting the outdoor bushing (1) on the housing (18) in a gas-tight manner and an open-air connection (8) for connecting the high-voltage conductor, said connection being attached to the fixing elements (12, 13) in a gas-tight manner by means of a hollow insulator (2). In the latter (2), electroconductive connection elements (4, 7, 11) extend between the open-air connection (8) and an internal connection (35) for connecting the components. The aim of the invention is to provide an outdoor bushing of this type, which offers other functions in addition to the connection of an air-insulated high-voltage conductor to the protective-gas insulated atmosphere of a grounded housing, by means of its connection elements. To achieve this, said connection elements comprise a disconnecting switch (4).

IPC 1-7
H02B 13/035; H02B 5/06

IPC 8 full level
H02B 5/06 (2006.01)

CPC (source: EP US)
H02B 5/06 (2013.01 - EP US)

Citation (search report)
See references of WO 2004109879A2

Designated contracting state (EPC)
CH DE FR LI

DOCDB simple family (publication)
WO 2004109879 A2 20041216; WO 2004109879 A3 20050519; CN 100474721 C 20090401; CN 1795594 A 20060628;
DE 10325685 A1 20041230; EP 1629579 A2 20060301; US 2006243703 A1 20061102

DOCDB simple family (application)
DE 2004000980 W 20040503; CN 200480014446 A 20040503; DE 10325685 A 20030602; EP 04730826 A 20040503; US 55874505 A 20051201