

Title (en)

GAS-INSULATED BUS BAR COMPONENT COMPRISING OUTDOOR BUSHINGS

Title (de)

GASISOLIERTES SAMMELSCHIENENBAUTEIL MIT FREILUFTDURCHFÜHRUNG

Title (fr)

COMPOSANT DE BARRE COLLECTRICE ISOLE AU GAZ COMPRENANT UNE TRAVERSEE EXTERIEURE

Publication

EP 1629578 A2 20060301 (DE)

Application

EP 04730466 A 20040430

Priority

- DE 2004000991 W 20040430
- DE 10325682 A 20030602

Abstract (en)

[origin: WO2004109882A2] The invention relates to a gas-insulated bus bar component (1) comprising a grounded housing (2) that is filled with protective gas and at least one bus bar conductor (3), which extends in the longitudinal direction of the housing (2) and is supported on said housing (2) by means of insulating bus bar supports (4). According to the invention, each bus bar conductor (3) is connected to a disconnecting switch (11) that is insulated by protective gas. The aim of the invention is to provide a component of this type, which can be simply connected to and disconnected from an air-insulated conductor, even when operational. To achieve this, the disconnecting switch (11) is located in an outdoor bushing (8) that is fixed to the housing (2).

IPC 1-7

H02B 13/035

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 2004109882A2

Designated contracting state (EPC)

CH DE FR LI

DOCDB simple family (publication)

WO 2004109882 A2 20041216; WO 2004109882 A3 20050519; CN 100533886 C 20090826; CN 1795597 A 20060628; DE 10325682 A1 20041230; EP 1629578 A2 20060301; US 2006245128 A1 20061102; US 7485807 B2 20090203

DOCDB simple family (application)

DE 2004000991 W 20040430; CN 200480014455 A 20040430; DE 10325682 A 20030602; EP 04730466 A 20040430; US 55874605 A 20051201