

Title (en)

ARRANGEMENT USED TO FIX CONDUCTOR RAILS FOR MULTI-PHASE SWITCHGEARS

Title (de)

ANORDNUNG ZUR STROMSCHIENENBEFESTIGUNG FÜR MEHRPHASIGE SCHALTGERÄTE

Title (fr)

SYSTEME POUR FIXER DES BARRES CONDUCTRICES POUR DES APPAREILS DE COMMUTATION MULTIPHASES

Publication

**EP 1576634 B1 20060412 (DE)**

Application

**EP 04787140 A 20040915**

Priority

- DE 10348092 A 20031016
- EP 2004052175 W 20040915

Abstract (en)

[origin: US7307500B2] An arrangement used to fix conductor rails for multi-phase switchgears to allow for mounting and dismantling the conductor rails in a simple manner is provided. The switchgear housing ( 4 ) comprises straight guide elements ( 16 ) which are used to receive the mounting position using the conductor rails ( 8 ). Each conductor rail ( 8 ) includes a continuous bore ( 22 ) which is covered by a receiving bore ( 24 ) when in a mounted position, the receiving bore being formed in the switchgear housing ( 4 ). Insertion journals ( 28 ) extend through the continuous bores ( 22 ) into the receiving bores ( 24 ) associated therewith and are combined with a connecting web ( 30 ) in order to form an insertion comb ( 26 ) made of an insulating material.

IPC 8 full level

**H01H 11/06** (2006.01); **H01H 50/54** (2006.01)

CPC (source: EP US)

**H01H 11/06** (2013.01 - EP US); **H01H 50/546** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2005038840 A1 20050428**; AT E323321 T1 20060415; CN 100511525 C 20090708; CN 1868018 A 20061122; DE 10348092 A1 20050525; DE 10348092 B4 20060126; DE 502004000431 D1 20060524; EP 1576634 A1 20050921; EP 1576634 B1 20060412; ES 2263145 T3 20061201; HK 1095422 A1 20070504; JP 2007507839 A 20070329; JP 4295323 B2 20090715; US 2007042624 A1 20070222; US 7307500 B2 20071211

DOCDB simple family (application)

**EP 2004052175 W 20040915**; AT 04787140 T 20040915; CN 200480030206 A 20040915; DE 10348092 A 20031016; DE 502004000431 T 20040915; EP 04787140 A 20040915; ES 04787140 T 20040915; HK 07100864 A 20070125; JP 2006530244 A 20040915; US 57592304 A 20040915