

Title (en)  
BUSBARS HAVING DIFFERENT CROSS SECTIONS FOR A BUSBAR SYSTEM WITH A COMMON PROTECTION OR NEUTRAL CONDUCTOR

Title (de)  
STROMSCHIENEN MIT UNTERSCHIEDLICHE QUERSCHNITTEN FÜR EINEN STROMSCHIENENSYSTEM MIT GEMEINSAMER SCHUTZ -  
ODER NEUTRALLEITER

Title (fr)  
BARRES CONDUCTRICES À SECTIONS TRANSVERSALES DIFFÉRENTES CONÇUES POUR UN SYSTÈME DE BARRE CONDUCTRICE À  
CONDUCTEUR DE PROTECTION OU CONDUCTEUR NEUTRE COMMUN

Publication  
**EP 2823541 A1 20150114 (DE)**

Application  
**EP 13705438 A 20130214**

Priority  
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• EP 2013052973 W 20130214

Abstract (en)  
[origin: CA2870418A1] The invention relates to busbars having different cross sections for a busbar system with a common protection and/or neutral conductor for the transport of electrical energy, wherein the busbar system comprises at least one first segment and a second segment, the segments having each at least one first busbar with a first cross-sectional area, at least a second busbar with a second cross-sectional area, a holding element and at least one connection. According to the invention, the busbars of the segments are held by the respective holding element and are electrically connected to each other via the at least one connection, and a busbar from either the first busbars or second busbars serves as a common protection conductor (PE) and/or as a common neutral conductor.

IPC 8 full level  
**H02G 5/02** (2006.01); **F03D 11/00** (2006.01); **H02G 3/04** (2006.01); **H02G 5/00** (2006.01); **H02G 5/06** (2006.01)

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**H02G 5/007** (2013.01 - EP US); **H02G 5/06** (2013.01 - EP US); **Y02E 10/72** (2013.01 - EP US)

Citation (search report)  
See references of WO 2013152881A1

Citation (examination)  
• DE 102012202435 A1 20130822 - SIEMENS AG [DE]  
• EP 0413242 A2 19910220 - AMP INC [US]  
• US 2824901 A 19580225 - REICHERT HOWARD E, et al

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Designated extension state (EPC)  
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DOCDB simple family (publication)  
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KR 20150003304 A 20150108; US 2015077906 A1 20150319; US 9425587 B2 20160823; WO 2013152881 A1 20131017

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