

Title (en)

Electric connection box and bus bar-mounting structure thereof

Title (de)

Elektrisches Verbindungsgehäuse und Stromschienenmontageanordnung dafür

Title (fr)

Boîtier de connexion électrique et structure de montage de barre omnibus pour ce boîtier

Publication

**EP 1548883 B1 20120307 (EN)**

Application

**EP 04258007 A 20041221**

Priority

JP 2003424448 A 20031222

Abstract (en)

[origin: EP1548883A1] In a bus bar-mounting structure of an electric connection box 1, bus bars 5 and 6, each having a plurality of low-strength terminals 11, 31, are inserted into a connection box body 2. Guide portions 14 and 18, 32 and 37 are provided in a projecting manner respectively at opposite sides of the plurality of low-strength terminals of each bus bar in a direction of juxtaposition of the low-strength terminals. Before the low-strength terminals are inserted respectively into terminal insertion holes in the connection box body, the guide portions are inserted respectively into positioning portions of the connection box body. One or both of the guide portions are tab terminals 14 and 18, and one or both of the positioning portions are tab terminal insertion holes. Second guide portions 10 and 13 are provided respectively at opposite ends of the bus bar 5, and before the guide portions 14 and 18 are inserted respectively into the positioning portions of the connection box body, the second guide portions are inserted respectively into second positioning portions of the connection box body. There is provided the electric connection box including the above guide portion structure. <IMAGE>

IPC 8 full level

**H01R 9/22** (2006.01); **H05K 7/06** (2006.01); **H01R 9/24** (2006.01); **H01R 13/629** (2006.01); **H02G 3/16** (2006.01)

CPC (source: EP)

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