

Title (en)

Bar bus structure, electric connection box provided with same, and bus bar-forming method

Title (de)

Stromschienenstruktur, elektrisches Verbindungsgehäuse mit einer solchen Struktur und Stromschienenenerzeugungsverfahren

Title (fr)

Structure de barre omnibus, boîte de connexion électrique avec une telle structure et procédé de formation de barre omnibus

Publication

EP 1548787 B1 20130731 (EN)

Application

EP 04258014 A 20041221

Priority

JP 2003424451 A 20031222

Abstract (en)

[origin: EP1548787A1] There is formed a first bus bar 23 including a plate-like bus bar body 2 including one side portion having connection portions 10 and 12, and the other side portion having connection portions 16, 19 and 21, and a fusible portion 5 and interconnecting portions 24 to 26 which are provided at an intermediate portion of the bus bar body, the one side portion and the other side portion of the bus bar body being interconnected by the fusible portion and the interconnecting portions. The interconnecting portions 24 to 26 are cut off from the first bus bar to thereby provide a second bus bar in which the one side portion and the other side portion of the bus bar body 2 are interconnected only by the fusible portion 5. The formation of the fusible portion 5 may be omitted, so that the bus bar is used with no fusible portion formed at the intermediate portion of the bus bar body 2. The interconnecting portions 24 and 25 are formed at opposite sides of the fusible portion 5, respectively. The interconnecting portions 25 and 26 are formed at opposite side portions of the bus bar body 2, respectively. There is provided an electric connection box provided with the above bus bar structure. <IMAGE>

IPC 8 full level

H01H 85/044 (2006.01); **H05K 7/06** (2006.01); **H01R 9/22** (2006.01); **H01R 9/24** (2006.01); **H02G 3/16** (2006.01)

CPC (source: EP)

H01H 85/044 (2013.01); **H01R 9/2458** (2013.01); **H01H 43/16** (2013.01); **H01H 2085/208** (2013.01)

Cited by

DE102007033263A1; CN111627761A; US7708596B2

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 1548787 A1 20050629; **EP 1548787 B1 20130731**; JP 2005185036 A 20050707

DOCDB simple family (application)

EP 04258014 A 20041221; JP 2003424451 A 20031222