

Title (en)
Busbar connecting terminal

Title (de)
Sammelschienenverbindungsanschluss

Title (fr)
Borne de connexion de barres omnibus

Publication
EP 1396917 B1 20060927 (EN)

Application
EP 01938667 A 20010614

Priority
JP 0105071 W 20010614

Abstract (en)
[origin: EP1396917A1] A bus bar connecting terminal comprising a conductor section to be electrically connected to an electrical apparatus, a plurality of connecting plate sections to be connected to a plurality of bus bars by alternating with each other, and a support section for connecting and supporting each other the conductor section and the connecting plate sections, the plurality of connecting plate sections having a thickness at least equal to that of the bus bars and being separated from each other at an interval larger than the thickness of the bus bars, the terminal including a flexible section provided between the connecting plate sections and the support section which may be a thin portion. The support section may be a block having connected a plurality of connecting plate sections via flexible sections or an integral conductor block continuous to the connecting plate sections. The conductor block may be formed by cutting an extrusion-molded material having a cross section in a shape composed of the support section, the connecting plate section and the flexible section into a predetermined dimension. <IMAGE>

IPC 8 full level
H01R 4/38 (2006.01); **H01H 1/38** (2006.01); **H01R 4/58** (2006.01); **H01R 11/09** (2006.01); **H01R 11/11** (2006.01); **H02B 11/04** (2006.01); **H02G 5/06** (2006.01)

CPC (source: EP KR)
H01R 4/38 (2013.01 - EP); **H01R 25/00** (2013.01 - KR)

Cited by
DE102011006115A1; DE102011006115B4

Designated contracting state (EPC)
DE FR IT

DOCDB simple family (publication)
EP 1396917 A1 20040310; **EP 1396917 A4 20040929**; **EP 1396917 B1 20060927**; CN 1312815 C 20070425; CN 1446392 A 20031001; DE 60123484 D1 20061109; DE 60123484 T2 20070621; JP WO2002103872 A1 20041007; KR 100539063 B1 20051226; KR 20030023753 A 20030319; TW 531937 B 20030511; WO 02103872 A1 20021227

DOCDB simple family (application)
EP 01938667 A 20010614; CN 01814116 A 20010614; DE 60123484 T 20010614; JP 0105071 W 20010614; JP 2003506072 A 20010614; KR 20037002056 A 20030212; TW 90114524 A 20010615