

Title (en)
ELECTRICAL BUS INTERCONNECTION SYSTEM

Publication
EP 0100602 B1 19861015 (EN)

Application
EP 83303834 A 19830701

Priority
US 40119782 A 19820723

Abstract (en)
[origin: EP0100602A1] An electrical cable assembly comprises a main electrical bus (10, 82) to which branch electrical buses (12, 88) are electrical connected. The main bus and branch buses include a plurality of insulated electrical conductors (14, 18, 78, 84) extending crosswise to one another with electrical connectors (22, 22A, 90, 90A) electrically connecting selected electrical conductors of the buses together. The electrical connectors penetrate the insulation of the buses and make electrical connection with the electrical conductors. The terminated sections of the buses can be housed in housing members (32) providing strain relief and insulation. Shielding (52) can be applied onto the main bus (10, 82) and ground connections (54, 76) can be effected at the housing members (32).

IPC 1-7
H01R 9/07; **H01R 4/24**

IPC 8 full level
H01R 4/24 (2006.01); **H01R 11/01** (2006.01); **H01R 12/61** (2011.01); **H01R 12/68** (2011.01); **H01R 43/01** (2006.01); **H02G 5/00** (2006.01)

CPC (source: EP)
H01R 12/616 (2013.01); **H01R 12/68** (2013.01); **H01R 4/2445** (2013.01); **H01R 43/01** (2013.01)

Cited by
GB2187049A; CN105762733A; AU725038B2; GB2333907A; GB2333907B; WO9510863A1; WO9815988A1; WO9706582A1

Designated contracting state (EPC)
BE DE FR GB IT NL

DOCDB simple family (publication)
EP 0100602 A1 19840215; **EP 0100602 B1 19861015**; CA 1214836 A 19861202; DE 3367052 D1 19861120; JP H0414475 B2 19920312; JP S5946776 A 19840316

DOCDB simple family (application)
EP 83303834 A 19830701; CA 430928 A 19830622; DE 3367052 T 19830701; JP 13298583 A 19830722